

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Samedan Oil Corporation

(281) 876-6150

3. ADDRESS AND TELEPHONE NO.

12600 Northborough, Suite 250, Houston, Tx. 77067

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

630' FNL & 940' FEL

At proposed prod. zone

Same

NENE

4159913

650 282

37.57585

-109.29817

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 air miles ESE of Blanding, Ut.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

630'

16. NO. OF ACRES IN LEASE

921.12

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

6,230'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,720' ungraded

22. APPROX. DATE WORK WILL START*

May 15, 2002

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	M-50 8-5/8"	23	1,970'	=1625 cu. ft. & to surface
7-7/8"	M-50 4-1/2"	10.5	6,230'	=505 cu ft. & to 4,460'

I am applying for approval of an exception location because of geology. The exception is to the quarter-quarter line (80' too far west), not to a well or lease. Indeed, the exception is toward the interior of the lease. The location was picked based on 3-D seismic and is believed to be a one well algal mound.

An orthodox well could be drilled at 630' FNL & 860' FEL 17-37s-24e, but it would be a marginal well. Request permission to drill at 630' FNL & 940' FEL 17-37s-24e. This is the only existing oil or gas well within a 1 mile radius. Wells could be drilled in all of the eight offsetting quarter-quarters. Samedan is owner of all drilling units within a minimum 630' radius of the proposed exception. This includes three (W2NE4 & SENE Sec. 17) of the eight directly or diagonally offsetting drilling units.

RECEIVED

cc: BLM (M & P), Steinke, UDOGM

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give location of present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

DIVISION OF
OIL, GAS AND MINING

Consultant (505) 466-8120

DATE

4-20-02

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

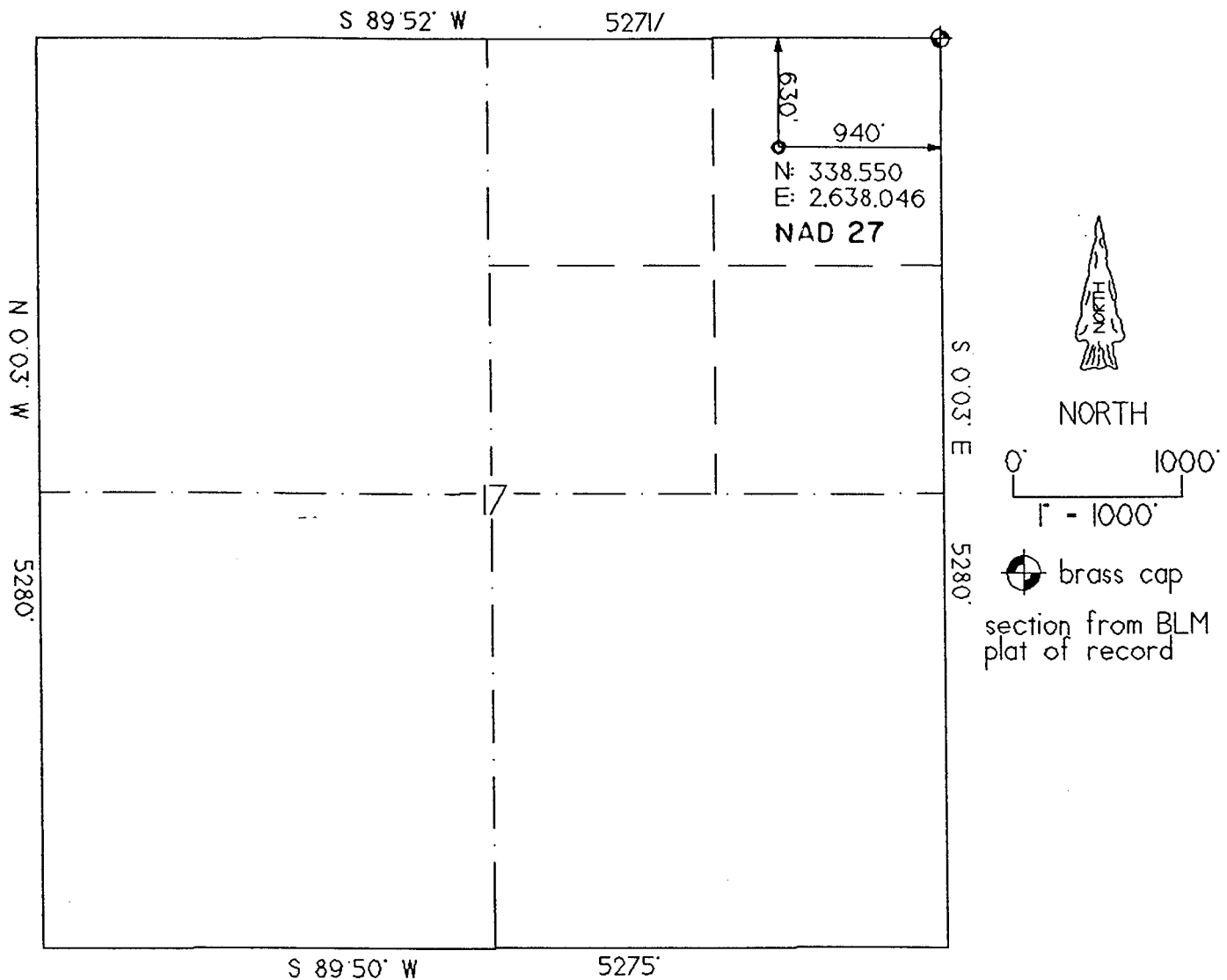
DATE

BRADLEY G. HILL

RECLAMATION SPECIALIST III

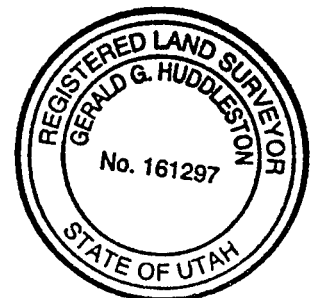
*See Instructions On Reverse Side

Well Location Plat



Well Location Description

SAMEDAN OIL CORPORATION
Montezuma
630' FNL & 940' FEL
Section 17, T.37 S., R.24 E., SLM
San Juan County, UT
5720' grd. el. (from GPS)



27 March 2002

Gerald G. Huddleston
Gerald G. Huddleston, LS

The above is true and correct to my knowledge and belief.

HUDDLESTON LAND SURVEYING - BOX KK - CORTEZ, CO - (970) 565 -3330

Samedan Oil Corporation
Montezuma 41-17-74
630' FNL & 940' FEL
Sec. 17, T. 37 S., R. 24 E.
San Juan County, Utah

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Drilling Program

1. FORMATION TOPS

The estimated tops of important geologic markers are:

<u>Formation Name</u>	<u>GL Depth</u>	<u>KB Depth</u>	<u>Elevation</u>
Morrison	0'	10'	+5,720'
Navajo Ss	738'	748'	+4,982'
Wingate Ss	1,473'	1,483'	+4,247'
Chinle Sh	1,912'	1,922'	+3,808'
Cutler Ss	2,598'	2,608'	+3,122'
Hermosa	4,563'	4,573'	+1,157'
Paradox	5,422'	5,432'	+298'
Ismay	5,836'	5,846'	-116'
Hovenweep Sh	5,958'	5,968'	-238'
Lower Ismay	5,999'	6,009'	-279'
Desert Creek	6,072'	6,082'	-352'
Total Depth (TD)*	6,230'	6,240'	-510'

* all elevations reflect the proposed graded ground level of 5,720'

2. NOTABLE ZONES

Oil and gas are possible in the Hermosa, Ismay (main goal), and Desert Creek (secondary). Fresh water may be found in the Navajo and Wingate. Oil and gas shows which appear to the well site geologist to be commercial will be tested. All fresh water and prospectively valuable minerals will be recorded by depth and protected with casing and cement.

3. PRESSURE CONTROL

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An 8-5/8" x 11" casing head and 3000 psi double ram and annular preventer with a 3,000 psi choke manifold will be used. A diagram of a typical BOP is on Page 3. Actual model will not be known until bid is let.

BOP controls will be installed before drilling the surface casing plug, and will stay in use until the well is completed or P&A. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. All BOP mechanical and pressure tests will be recorded on the driller's log. BOPs will be inspected and operated at least daily to assure good mechanical working order. The inspection will be recorded on the daily drilling report. Call Jeff Brown at the BLM (435 587-1525) before testing BOPs.

4. CASING & CEMENT

<u>Hole Size</u>	<u>O. D.</u>	<u>I. D.</u>	<u>Drift</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>Age</u>	<u>Depth</u>
12-1/4"	8-5/8"	8.097	7.972	23 #	M-50	ST&C	New	1,970'
7-7/8"	4-1/2"	4.052	3.927	10.5 #	M-50	ST&C	New	6,230'

Surface casing will be cemented to the surface in one stage with 1,625 cubic feet cement mixed with 2% CaCl₂ + 1/4 pound per sack cellophane flakes. Will pump 100% excess over calculated hole volume. Cement will have a compressive strength of 500 psi before drill out. At least the last 200 sacks of cement will be Class C mixed at a weight of 15.8 pounds per gallon and 1.16 cubic feet per sack. Bring 1" pipe to location for a top job. Tail and 1" cement will be same. Casing will be equipped with a guide shoe, shoe joint, insert float collar (auto fill), and ≈18 centralizers. Thread lock shoe and float collar. Drop a top plug and displace with water.

Production casing will be cemented to 100' above the Hermosa in one stage. Cement across zones of interest will develop at least 1,000 psi compressive strength before perforating. Cement volumes will be determined by caliper log and then adding 25%.

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Typical long string cements pumped in this area are Class C mixed at 15.8 pounds per gallon and 1.16 cubic feet per sack + necessary retarders and fluid loss additives. Production casing will be equipped with float shoe (auto fill), shoe joint, float collar (auto fill), and \approx 27 centralizers.

Call Jeff Brown at the BLM (435 587-1525) before running casing.

5. MUD PROGRAM

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Type</u>
0-1300'	8.4-8.8	27-45	N/C	Fresh water spud mud
1300'-5000'	8.4-8.6	28-32	N/C	Fresh water/poly/gel/lime
5000' - TD	8.8-9.2	34-45	8-12 cc/30 min.	LSND

Samples will be collected every 30' from base of surface casing to \approx 5,000'. Samples will be collected every 10' from \approx 5,000' to TD. A mud logger will be on location from \approx 5,000' to TD. A trailer full of barite will be on location in case of a kick.

6. CORING, TESTING, & LOGGING

A 30' core may be cut in the Ismay. DSTs may be run in the Ismay and/or Desert Creek if warranted. GR/CAL/SP/Array Induction log suite will be run from TD to ground level. Array Induction, full wave dipole sonic, density, and neutron logs will be run from TD to 4,000'. Rotary side wall cores may be taken in one run. Single shot drift surveys will be run every 500' and on all bit trips and all casing points.

7. DOWN HOLE CONDITIONS

No abnormal temperatures or pressures or hydrogen sulfide are expected.

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Maximum pressure will be \approx 2,500 psi.

8. OTHER INFORMATION

The anticipated spud date is May 15, 2002. It is expected it will take \approx 2 weeks to drill and \approx 2 weeks to complete the well. Tubing will be 2-3/8".

Call BLM (435 587-1525 or 435 259-6111) or the Utah Division of Oil, Gas, & Mining (801 538-5340) before plugging and abandoning the well.

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Surface Use Plan

1. DIRECTIONS (See Pages 12 & 13)

From the Montezuma Creek Post Office, go North 14.1 miles on U-262
Then turn right and go East 6.8 mi. on paved N-5099 to just past Hatch TP
Then turn left and go N 8.7 miles on gravel County Road 446 to a gas plant
Then bear left and go W 4.7 miles on gravel County Road 206 (Perkins)
Then turn right and go N 4.0 miles on gravel County Road 204 (Alkali Ridge)
Then turn right and go E 1.9 miles on dirt County Road 2381 (Dead Man)
Then turn right and go S 50' cross country to the pad

Roads will be maintained to a standard at least equal to their present condition.

2. ROAD TO BE BUILT OR UPGRADED (See Page 14)

Dirt contractor will call BLM (435 587-1525) 48 hours before starting construction. Surface disturbance and vehicle travel will be limited to the pad and road. Any additional area needed must be approved in advance by BLM.

Fifty feet of new road will be built. It will be flat bladed with a 16' wide running surface. Maximum disturbed width will be 20'. Maximum cut or fill is 1'. Maximum grade is 3%. No culvert or turnout is needed. A wire gate on the county road will be replaced with a cattle guard.

If the well is a producer, the 50' of new road will be upgraded to Class 3 Road Standards within 60 days of dismantling the rig. If the deadline cannot be met, BLM will be notified so temporary drainage control can be installed. Class 3 Road Standards control drainage by using topography, ditch turnouts, dips, out sloping, crowning, low water crossings, rock surfacing, and culverts.

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3. EXISTING WELLS (See Page 13)

There is one plugged and abandoned well within a mile. There are no existing water, disposal, oil, or gas wells within a mile.

4. PROPOSED PRODUCTION FACILITIES

A well head, pump, separator, meter run, dehydrator, and tank battery will be installed. All will be painted a flat juniper green color. Tanks will be surrounded by an impermeable dike with sufficient capacity to hold 150% of the volume of the largest tank within the dike.

5. WATER SUPPLY

Samedan will use Guy Tracy's permitted existing artesian wells in NENW 36-37s-24e (#09-1038, #09-1431, or #09-1741) or NWNW 25-37s-24e (#09-165); or Richard Perkins permitted (all #09-169) existing artesian wells in NESE 12-38s-24e or NWSW, NESE, or SESW 7-38s-25e.

6. CONSTRUCTION MATERIALS & METHODS (See Pages 14 & 15)

The dirt contractor will have an approved copy of the surface use plan.

Any cultural and/or paleontology resource (historic or prehistoric site or object) discovered by Samedan, or any person working on their behalf, will be immediately reported to BLM (435 587-1500). Samedan will suspend all operations in the immediate area of such discovery until written approval to proceed is issued by BLM. An evaluation of the discovery will be made by BLM to determine appropriate action to prevent the loss of significant cultural or scientific values. Samedan will be responsible for the cost of evaluation. Any decision as to proper mitigation measures will be made by BLM after consulting

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with Samedan.

Top soil and brush will be stripped and stock piled south of the pad. Pit subsoil will be stored west of the pit and separate from the topsoil.

If needed (BLM will make the decision - hence the need to notify BLM before starting construction), the reserve pit will be lined at least 24 tons of commercial bentonite worked into 3:1 sides. No liquid hydrocarbons will be discharged to the pit, pad, or road. Should hydrocarbons escape, they will be cleaned up and removed within 48 hours.

Pit will be fenced 48" high on 3 sides with 32" high woven wire topped with 2 smooth wire strands 4" and 16" above the woven wire. Steel posts will be set $\approx 16.5'$ apart. Two stays will be used between posts. Corner posts will be $\geq 6"$ O.D. wood and anchored with dead men. The 4th side will be fenced the same when drilling stops. The fence will be kept in good repair while the pit dries.

7. WASTE DISPOSAL

Once drilling is completed, Samedan will cover the top of the reserve pit with net. Net mesh will be $\leq 1"$ in diameter. Once dry, contents of the reserve pit will be buried in place.

Human waste will be disposed of in chemical toilets, which will be hauled to a state approved dump station. All trash will be placed in a portable trash cage. It will be hauled to the county landfill. There will be no trash burial or burning.

8. ANCILLARY FACILITIES

There will be no air strips or camps. Camper trailers may be on location for the company man, tool pusher, and mud loggers.

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9. WELL SITE LAYOUT

See PAGES 14 and 15 for depictions of the well pad, cross section, cut and fill diagram, reserve pit, trash cage, access onto the location, parking, living facilities, and rig orientation.

10. RECLAMATION & REVEGETATION

Upon completion of drilling, the well site will be cleared of all debris, material, and junk not needed for production.

Reclamation will start when the reserve pit is dry. All areas not needed for production will be back filled, contoured to natural contours, and reserved topsoil spread. If the well is a producer, then enough topsoil will be saved to reclaim the rest of the pad. The topsoil pile and all reclaimed areas will be broadcast seeded between October 1 and February 28 with the following mix. Sown areas will be left rough and lightly harrowed (4" deep) after seeding. Maximum span between harrow or ripped furrows will be 6".

- 2 pounds per acre four wing saltbush
- 1 pound per acre wild sunflower
- 1 pound per acre Mormon tea
- 1 pound per acre galleta grass
- 1 pound per acre sand dropseed
- 1 pound per acre Indian ricegrass

11. SURFACE OWNER

All construction is on BLM surface.

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12. OTHER INFORMATION

BLM's Moab Field Office's phone number is (435) 259-6111.
BLM's Monticello Field Office's phone number is (435) 587-1500.

Safe drilling and operating practices will be used. The nearest hospital is a $\approx 3/4$ hour drive away in Monticello. It is 3 blocks northwest of the intersection of US 666 and US 191. Hospital phone number is (435) 587-2116. Or dial 1-800-332-1911 from anywhere in San Juan County, Ut.

13. REPRESENTATION & CERTIFICATION

Anyone having questions concerning the APD should call:

Brian Wood, Consultant
Permits West, Inc.
37 Verano Loop
Santa Fe, NM 87508
(505) 466-8120 FAX: (505) 466-9682 Cellular: (505) 699-2276

The field representative will be:

Scott Steinke
Samedan Oil Corporation
12600 Northborough, Suite 250
Houston, Tx. 77067
(281) 874-6773

The pumper will be:

Randy Shelton (435) 678-2169 or (435) 459-1027

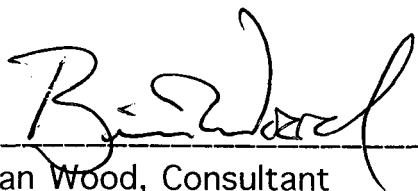
Samedan Oil Corporation is considered to be the operator of the Montezuma 41-17-74 well in the NENE 17-37s-24e, Lease UTU-73028, San Juan County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands. Bond (\$150,000 nationwide bond

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Sec. 17, T. 37 S., R. 24 E.
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(#4149383 on file with BLM in Santa Fe, NM) coverage for this well will be provided via surety consent as provided for in 43 CFR 3104.2. BLM will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

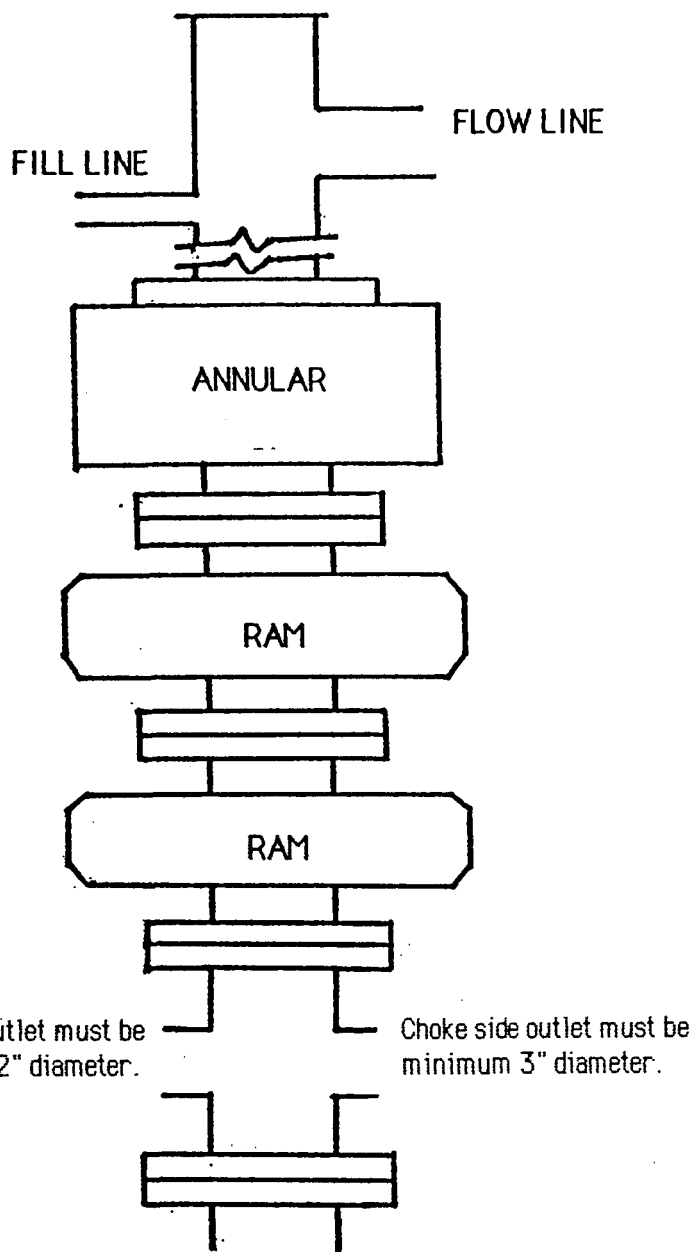
I hereby certify Samedan Oil Corporation has the necessary consents from the proper lease and unit interest owners to conduct lease operations in conjunction with this APD. Bond coverage *per* 43 CFR 3104 for lease activities will be provided by Samedan Oil Corporation I hereby certify I have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Samedan Oil Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U. S. C. 1001 for the filing of a false statement.



Brian Wood, Consultant

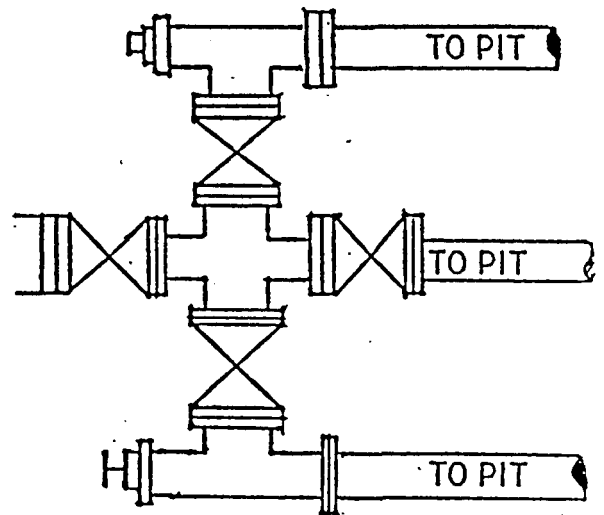
April 20, 2002

Date



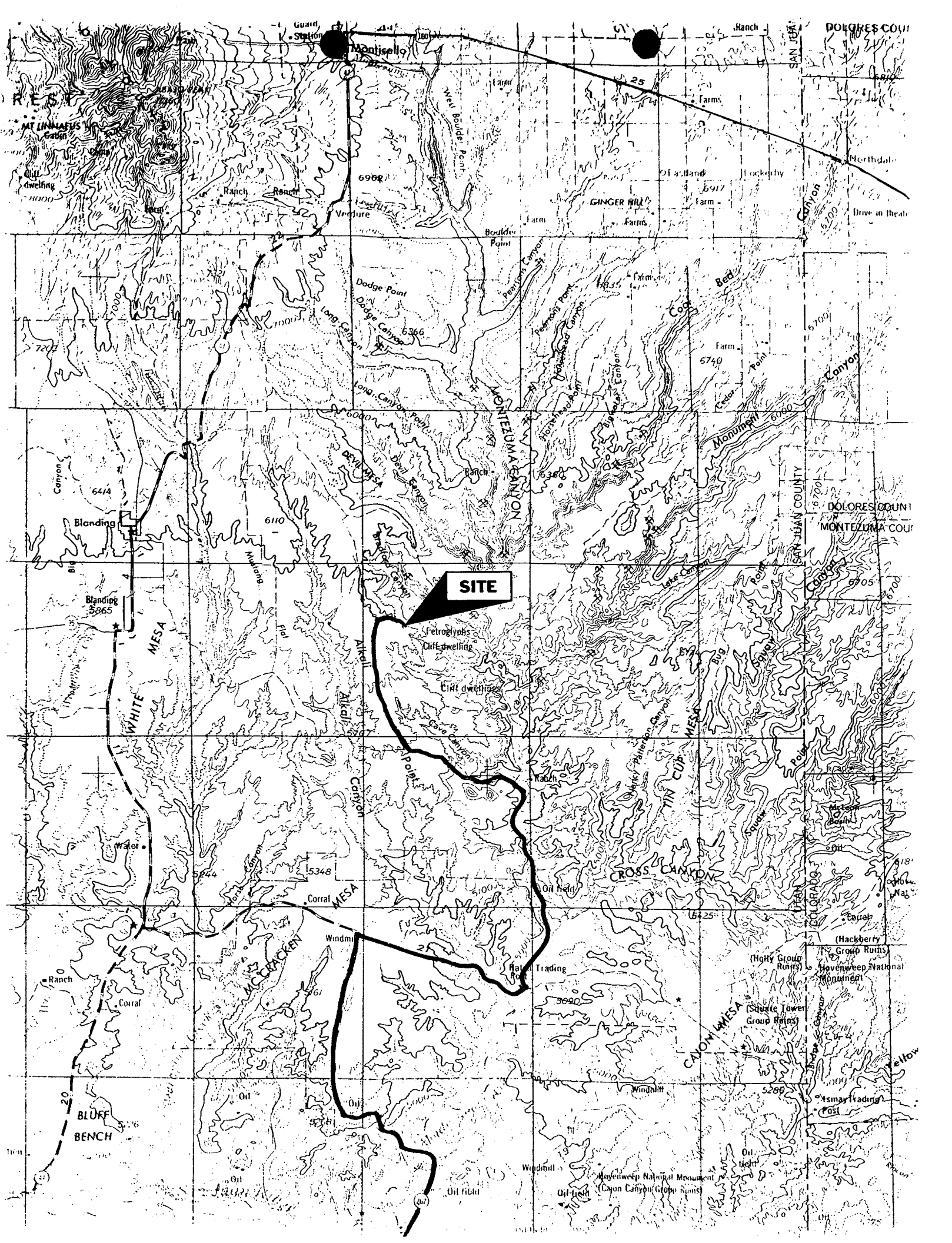
TYPICAL BOP STACK
& CHOKE MANIFOLD

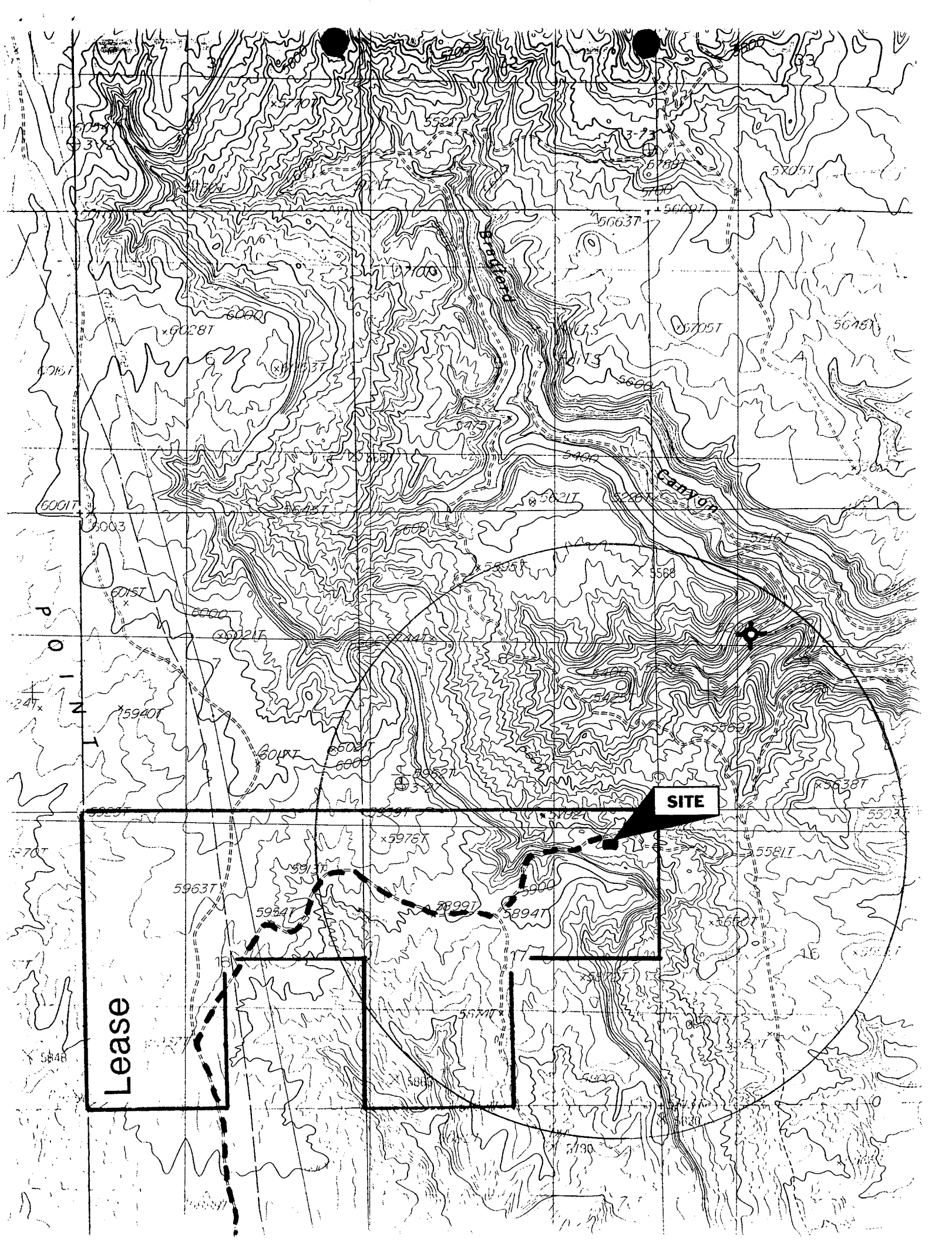
There will be at least 2 chokes and 2 choke line valves (3" minimum). The choke line will be 3" in diameter. There will be a pressure gauge on the choke manifold.



Kill line will be minimum 2" diameter and have 2 valves, one of which shall be a minimum 2" check valve.

Upper kelly cock will have handle available.
Safety valve and subs will fit all drill string connections in use.
All BOPE connections subjected to well pressure will be flanged, welded, or clamped.



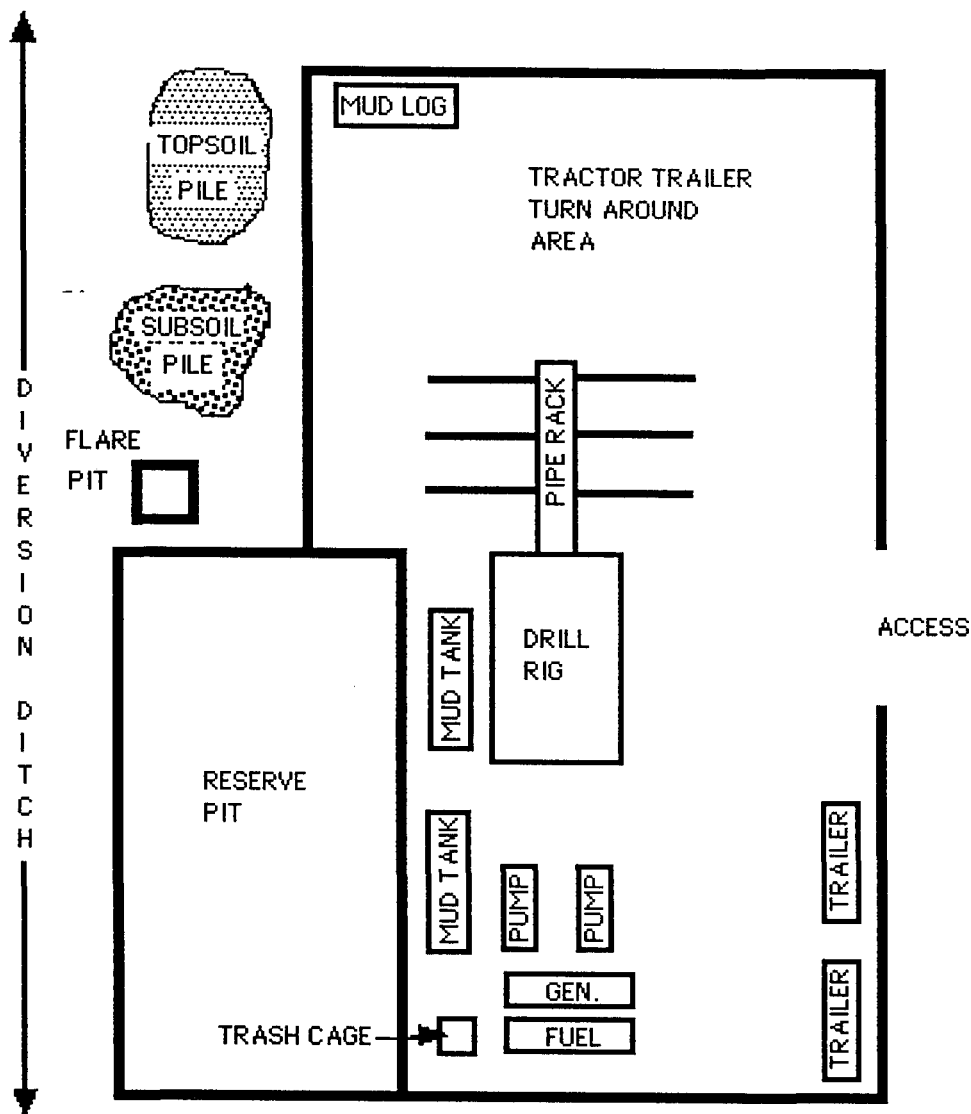


Lease

SITE

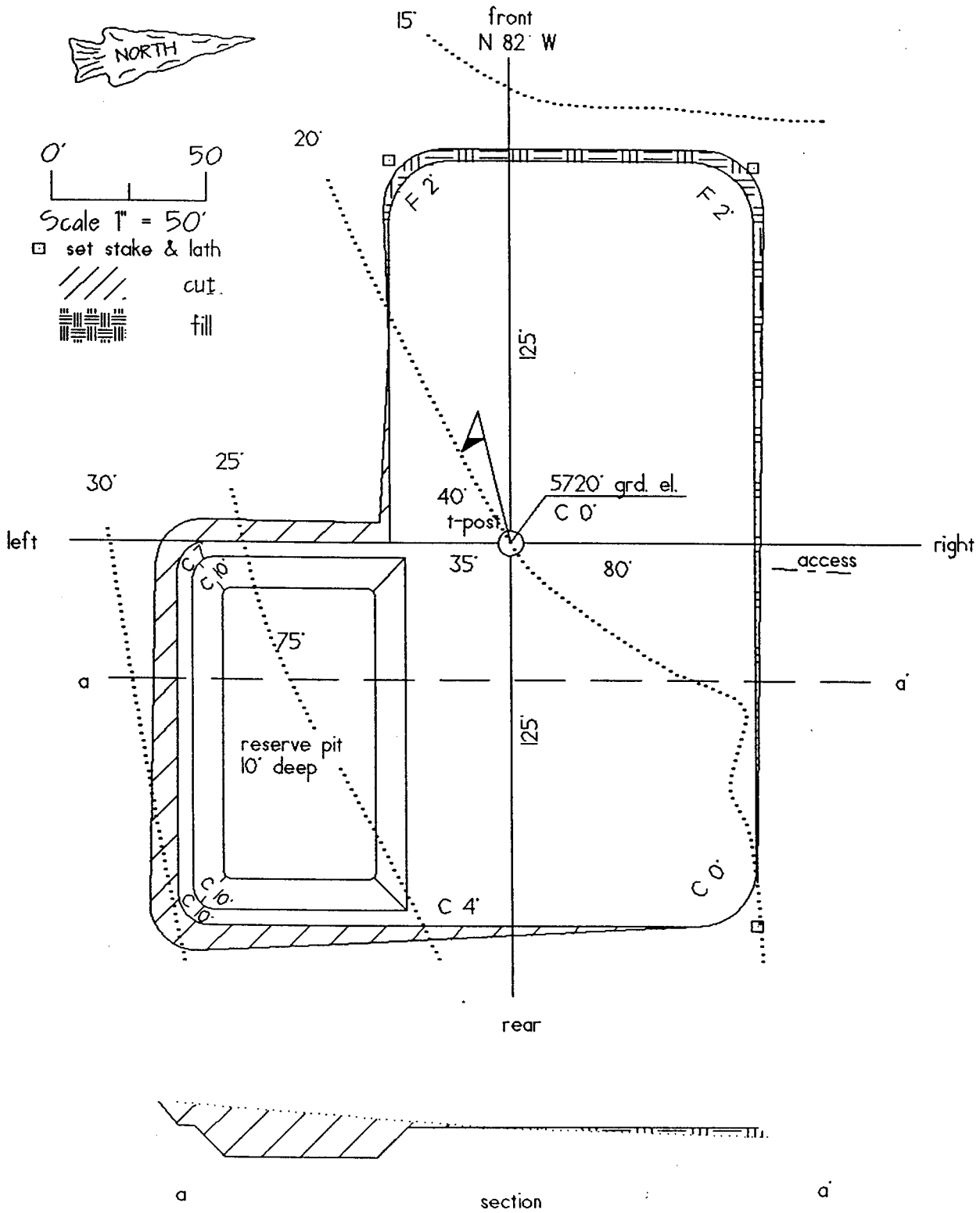
Samedan Oil Corporation
Montezuma 41-17-74
630' FNL & 940' FEL
Sec. 17, T. 37 S., R. 24 E.
San Juan County, Utah

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Montezuma

well pad & section



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/24/2002

API NO. ASSIGNED: 43-037-31765

WELL NAME: MONTEZUMA 41-17-74

OPERATOR: SAMEDAN OIL CORPORATION (N0185)

CONTACT: BRIAN WOOD

PHONE NUMBER: 281-876-6150

PROPOSED LOCATION:

NENE 17 370S 240E

SURFACE: 0630 FNL 0940 FEL

BOTTOM: 0630 FNL 0940 FEL

SAN JUAN

UNDESIGNATED (2)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-73028

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: DSCR

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 4149383)
☐ Potash (Y/N)
☐ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 09-1038)
☐ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)

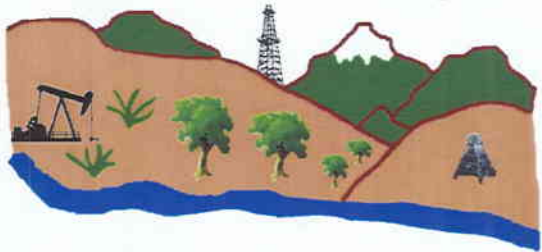
LOCATION AND SITING:

☐ R649-2-3. Unit
☐ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☒ R649-3-3. Exception
☐ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
☐ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal Approval
2- Spacing Stip



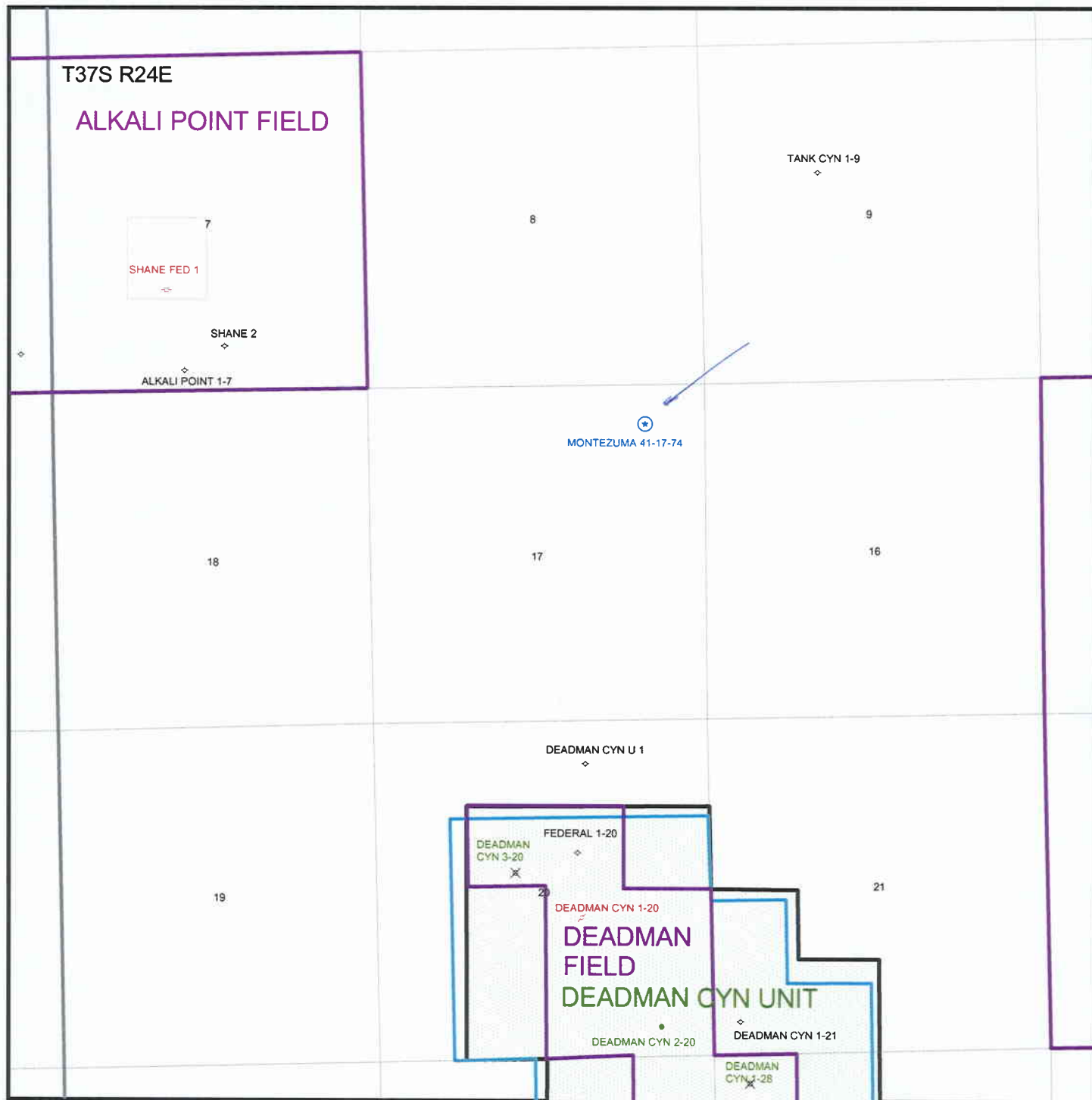
Utah Oil Gas and Mining

OPERATOR: SAMEDAN OIL CORP (N0185)

SEC. 17, T37S, R24E

FIELD: UNDESIGNATED (002)

COUNTY: SAN JUAN SPACING: R649-3-3/EX LOC



003



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

April 30, 2002

Samedan Oil Corporation
12600 Northborough Suite 250
Houston TX 77067

Re: Montezuma 41-17-74 Well, 630' FNL, 940' FEL, NE NE, Sec. 17, T. 37 South,
R. 24 East, San Juan County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-31765.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Baza', written over a horizontal line.

John R. Baza
Associate Director

er

Enclosures

cc: San Juan County Assessor
Bureau of Land Management, Moab District Office

Operator: Samedan Oil Corporation
Well Name & Number Montezuma 41-17-74
API Number: 43-037-31765
Lease: UTU-73028

Location: NE NE Sec. 17 T. 37 South R. 24 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

JUN 17 2002

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

Form 3160-3
(July 1992)
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

2002 APR 23 10:23 AM
APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DEPT OF THE INTERIOR
BUREAU OF LAND MGMT
OIL WELL ☒ GAS WELL ☐ OTHER ☐
1b. TYPE OF WELL
SINGLE ZONE ☐ MULTIPLE ZONE ☒
2. NAME OF OPERATOR
Samedan Oil Corporation (281) 876-6150
3. ADDRESS AND TELEPHONE NO.
12600 Northborough, Suite 250, Houston, Tx. 77067
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface 630' FNL & 940' FEL
At proposed prod. zone Same

5. LEASE DESIGNATION AND SERIAL NO.
UTU-73028

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME, WELL NO.
Montezuma 41-17-74

9. API WELL NO.
43-037-31765

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
17-37s-24e SLBM

12. COUNTY OR PARISH
San Juan

13. STATE
Ut.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 air miles ESE of Blanding, Ut.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 630'
16. NO. OF ACRES IN LEASE 921.12
17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A
19. PROPOSED DEPTH 6,230'
20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,720' ungraded
22. APPROX. DATE WORK WILL START* May 15, 2002

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	M-50 8-5/8"	23	1,970'	=1625 cu. ft. & to surface
7-7/8"	M-50 4-1/2"	10.5	6,230'	=505 cu ft. & to 4,460'

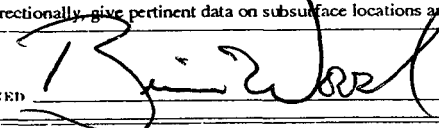
I am applying for approval of an exception location because of geology. The exception is to the quarter-quarter line (80' too far west), not to a well or lease. Indeed, the exception is toward the interior of the lease. The location was picked based on 3-D seismic and is believed to be a one well algal mound.

An orthodox well could be drilled at 630' FNL & 860' FEL 17-37s-24e, but it would be a marginal well. Request permission to drill at 630' FNL & 940' FEL 17-37s-24e. This is the only existing oil or gas well within a 1 mile radius. Wells could be drilled in all of the eight offsetting quarter-quarters. Samedan is owner of all drilling units within a minimum 630' radius of the proposed exception. This includes three (W2NE4 & SENE Sec. 17) of the eight directly or diagonally offsetting drilling units.

CONDITIONS OF APPROVAL ATTACHED

cc: BLM (M & P), Steinke, UDOGM

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED  TITLE Consultant (505) 466-8120 DATE 4-20-02

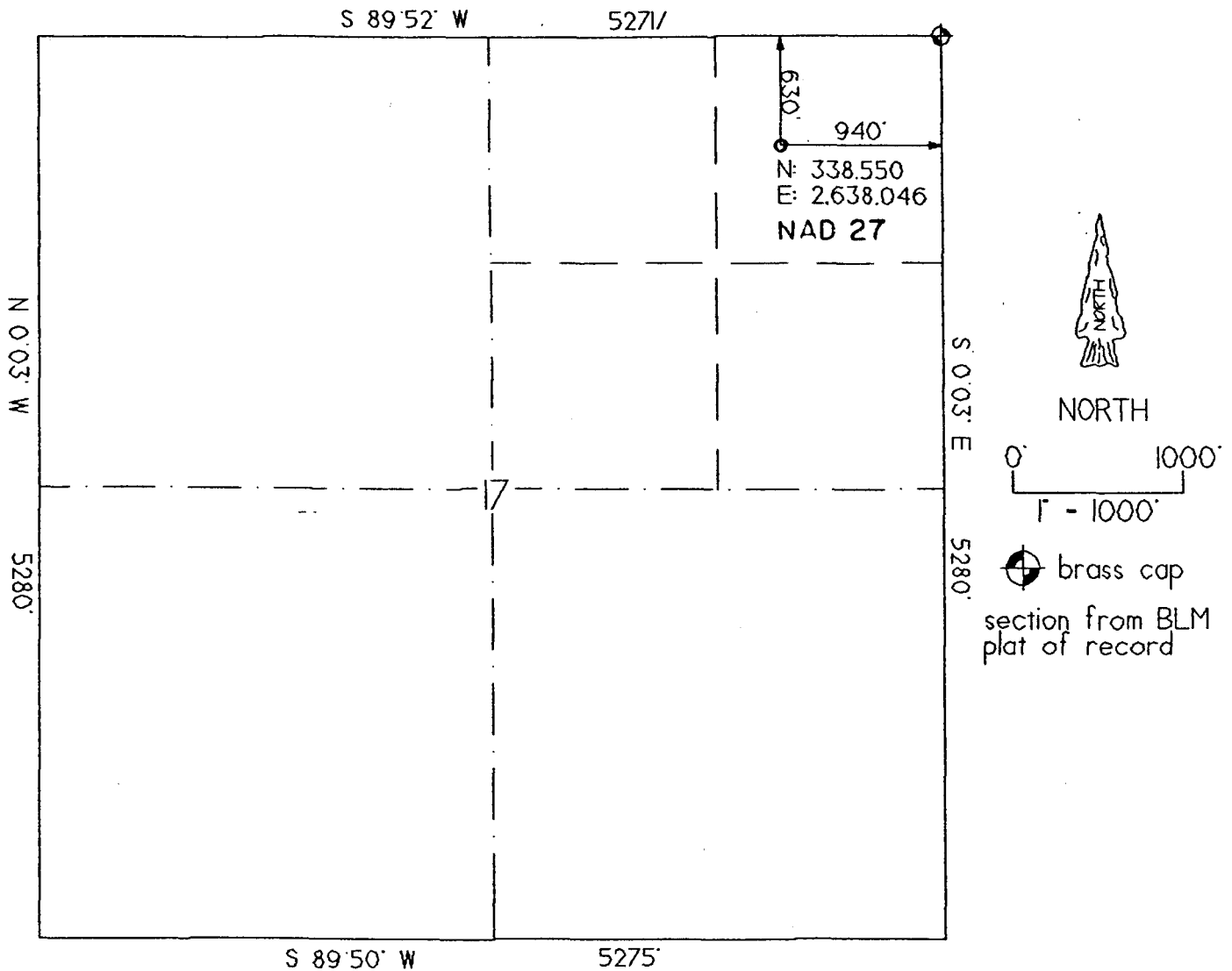
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

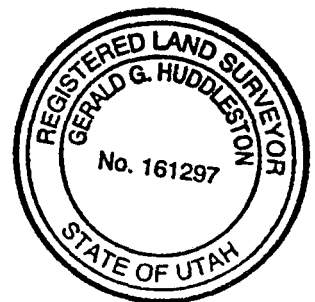
APPROVED BY  TITLE Field Manager DATE 6/12/02
*See Instructions On Reverse Side

Well Location Plat



Well Location Description

SAMEDAN OIL CORPORATION
Montezuma
630' FNL & 940' FEL
Section 17, T.37 S., R.24 E., SLM
San Juan County, UT
5720' grd. el. (from GPS)



27 March 2002

Gerald G. Huddleston
Gerald G. Huddleston, LS

The above is true and correct to my knowledge and belief.

Samedan Oil Corporation
Montezuma 41-17-74
Lease U-73028
NE/NE Section 17, T37S, R24E
San Juan County, Utah

A COMPLETE COPY OF THIS PERMIT SHALL BE KEPT ON LOCATION, from the beginning of site construction through well completion, and shall be available to contractors to ensure compliance.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Samedan Oil Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by NM0484 (Principal - Samedan Oil Corporation) via surety consent as provided for in 43 CFR § 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR § 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR § 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors.

A. DRILLING PROGRAM

1. The proposed 3M BOPE configuration is adequate for the proposed depth and location. Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.
2. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGM) is required before conducting any surface disturbing activities.

B. SURFACE

1. A qualified cultural resource monitor must be present during construction of the well pad and reserve pit to insure no subsurface cultural resources are impacted.

C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Contact the BLM Natural Resource Protection Specialist at least 48-hours prior to commencing construction of location.

Spud- The spud date will be reported to BLM 24-hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the Moab Field Office within 24-hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the Moab Field Office on a weekly basis.

Monthly Reports of Operations- In accordance with Onshore Oil and Gas Order No. 1, this well shall be reported on Minerals Management Service (MMS) Form 3160, "Monthly Report of Operations," starting the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with MMS.

Sundry Notices- There will be no deviation from the proposed drilling and/or workover program without prior approval. "Sundry Notices and Reports on Wells" (Form 3160-5) will be filed, with the Moab Field Office, for approval of all changes of plans and subsequent operations in accordance with 43 CFR § 3162.3-2. Safe drilling and operating practices must be observed.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Monticello Field Office is to be notified.

First Production- Should the well be successfully completed for production, the Moab Field Office will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five business days following the date on which the well is placed into production.

A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Monticello Field Office. The Monticello Field Office shall be notified prior to the first sale.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion or Recompletion Report and Log" (Form 3160-4) will be submitted to the Moab Field Office not later than thirty-days after completion of the well or after completion of operations being performed, in accordance with 43 CFR § 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

Venting/Flaring of Gas- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered shut-in until the gas can be captured or approval to continue the venting/flaring as uneconomic is granted. In such case, compensation to the lessor shall be required for that portion of the gas that is vented/flared without approval and which is determined to have been avoidably lost.

Produced Water- Produced waste water may be confined to an unlined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No. 7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR § 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Price Field Office or the appropriate surface managing agency.

TABLE 1

NOTIFICATIONS

Notify Jeff Brown (435-587-1525) of the BLM, Monticello Field Office for the following:

2 days prior to commencement of dirt work, construction and reclamation;

1 day prior to spudding;

50 feet prior to reaching the surface casing (8⁵/₈") setting depth;

3 hours prior to testing BOP

If the person at the above number cannot be reached, notify the Moab Field Office at (435) 259-2100. If unsuccessful, contact the person listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab Field Office at (435) 259-2100. If approval is needed after work hours, you may contact:

Eric Jones, Petroleum Engineer	Office: (435) 259-2117
	Home: (435) 259-2214

005

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: SAMEDAN OIL CORPORATION

Well Name: MONTEZUMA 41-17-74

Api No: 43-037-31765 Lease Type: FEDERAL

Section 17 Township 37S Range 24E County UINTAH

Drilling Contractor PETE MARTIN Rig# RATHOLE

SPUDDED:

Date 07/10/02

Time PM

How DRY

Drilling will commence: _____

Reported by RANDY SHELTON

Telephone # "CELL" 1-435-459-1027

Date 07/12/2002 Signed: CHD

006

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: SAMEDAN OIL CORPORATION
Address: 12600 NORTHBOROUGH, #250
city HOUSTON
state TX zip 77067

Operator Account Number: N 0185

Phone Number: (281) 876-6150

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4303731765	MONTEZUMA 41-17-74		NENE	17	37S	24E	SAN JUAN
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	13542	7/10/2002			7-17-02	
Comments:							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

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JUL 17 2002

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

DIVISION OF
OIL, GAS AND MINING

JANIS L. VERCHER

Name (Please Print)

Signature

REGULATORY CLERK I

Title

7/15/2002

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
SAMEDAN OIL CORPORATION

Contact: JANIS VERCHER
E-Mail: jvercher@nobleenergyinc.com

3a. Address
12600 NORTHBOROUGH, SUITE 250
HOUSTON, TX 77067

3b. Phone No. (include area code)
Ph: 281.872.2505
Fx: 282.872.2503

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 17 T37S R24E NENE 630FNL 940FEL

5. Lease Serial No.
UTU 73028

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
MONTEZUMA 41-17-74

9. API Well No.
43-037-31765

10. Field and Pool, or Exploratory
WILDCAT

11. County or Parish, and State
SAN JUAN COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Well Spud
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Cyclone Drilling Co. Rig #16
Spudded well at 11:00pm 07/10/02
Drilled 12 1/4" hole to 219'.
Drilling operations to continue.

cc: State of Utah (UDOGM)

RECEIVED

JUL 17 2002

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #12775 verified by the BLM Well Information System
For SAMEDAN OIL CORPORATION, sent to the Moab

Name (Printed/Typed) JANIS VERCHER

Title REPORT PREPARER

Signature (Electronic Submission)

Date 07/15/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU 73028
2. Name of Operator SAMEDAN OIL CORPORATION		6. If Indian, Allottee or Tribe Name
3a. Address 12600 NORTHBOROUGH, SUITE 250 HOUSTON, TX 77067		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 281.872.2505 Fx: 282.872.2503		8. Well Name and No. MONTEZUMA 41-17-74
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T37S R24E NENE 630FNL 940FEL		9. API Well No. 43-037-31765
		10. Field and Pool, or Exploratory WILDCAT
		11. County or Parish, and State SAN JUAN COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

7/11/02 - Drilling to 617'.
7/12/02 - Drilling to 1,521', surveys, hole is seeping fluid - controlling LC with sweeps.
7/13/02 - Drilled to 1,984' and surveyed.
7/14/02 - Ran 45 joints 8-5/8" 24# J-55 STC casing, cement 8-5/8" casing; Pumped 20 BFW spacer, pumped 600 sks lead cement 65:35 B-Poz, tailed in w/200 sks standard cement, displaced cement w/ 25 BFW, bumped plug to 1000 psi @ 8:30pm 7/14/02 - float held o.k., good returns throughout job, 60 bbls +/- cement slurry returned, cement stayed static, will not need to top out. Cut off 8-5/8" casing, waiting on welder to return.

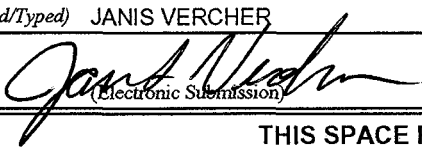
Please see attached daily drilling reports for more details.

cc: State of Utah (UDOGM)

RECEIVED

JUL 18 2002

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #12780 verified by the BLM Well Information System For SAMEDAN OIL CORPORATION, sent to the Moab	
Name (Printed/Typed) JANIS VERCHER	Title REPORT PREPARER
Signature  (Electronic Submission)	Date 07/15/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Samedan Oil Corporation

Created: Thursday July/11/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well MONTEZUMA 41-17-74

ID 43-037-31765

Event: 1 - DRILLING

Operated

Legal NENE 17-37S-243

SOC WI 1.0000000

SOC RI 0.7800000

Location SAN JUAN UTAH

Contractor: CYCLONE DRILLING, INC.

Drilling Rig: CYCLONE RIG #16

AFE Number: 43477

AFE Estimate: \$415,700

Pros Name MONTEZUMA

Pros Number 44765

Proposed MD 6,216

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Thu 07/11/2002

DOL:1

Daily:\$81,396

Cum:\$81,396

Rpt #1

MD:219

TVD:0

PBTD:

SUMMARY

Progress: 219 / 6 hrs

Mud Wgt:0

Mud Vis:

RU RTs. Drlg - SPUD WELL 11 PM 7/10/02. Rig repair (changed packing in swivel).

Drlg

Samedan Oil Corporation

Created: Friday July/12/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Fri 07/12/2002

DOL:2

Daily:\$12,466

Cum:\$93,862

Rpt #2

MD:617

TVD:0

PBTD:

SUMMARY

Progress: 398 / 18.5 hrs

Mud Wgt:0

Mud Vis:

Drlg.. Rig repair - repaired wt indicator. Drlg.. R/S. Drlg.. Trip for bit #2. Rig repair

- Worked on drawworks. TIH w/bit #2 (re-run). Drlg.. Svy. Drlg.

Samedan Oil Corporation

Created: Monday July/15/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Sat 07/13/2002

DOL:3

Daily:\$15,439

Cum:\$109,301

Rpt #3

MD:1,521

TVD:0

PBTD:

SUMMARY

Progress: 904 / 3 hrs

Mud Wgt:0

Mud Vis:

Drlg. Rig Service. Svy - Misfire. Drlg. Svy. Drlg. Svy - Misfire

Samedan Oil Corporation

Created: Monday July/15/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number: **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Sun 07/14/2002

DOL:4

Daily:\$18,836

Cum:\$128,137

Rpt #4

MD:1,984

TVD:0

PBTD:

SUMMARY

Progress: 463 / 4 hrs

Mud Wgt:0

Mud Vis:

Drlg. Svy. Drlg. TOOH w/bit #2. R/S. TIH w/bit #3. Drlg - TDC 1984'. Svy

Samedan Oil Corporation

Created: Monday July/15/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well MONTEZUMA 41-17-74

ID 43-037-31765

Event: 1 - DRILLING

Operated

Legal NENE 17-37S-243

SOC WI 1.0000000

SOC RI 0.7800000

Location SAN JUAN UTAH

Contractor: CYCLONE DRILLING, INC.

Drilling Rig: CYCLONE RIG #16

AFE Number: 43477

AFE Estimate: \$415,700

Pros Name MONTEZUMA

Pros Number 44765

Proposed MD 6,216

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Mon 07/15/2002

DOL:5

Daily:\$40,035

Cum:\$168,172

Rpt #5

MD:1,984

TVD:0

PBTD:

SUMMARY

Progress: 0

Mud Wgt:0

Mud Vis:

C&C hole for csg. Short trip, 10 stds. C&C hole. TOOH to run csg. Rig repair - Changed out swivel. RU Chaparrel csg crew & ran 8-5/8" 24# J-55 STC csg as follows: Guide shoe, 20' shoe jt, insert float & 45 jts csg - Guide shoe @ 1984', float @ 1963' - Ran 13 centralizers, middle 1st jt & thru every other jt for the next 12. C&C hole while RD csg crew & RU Halliburton cementers. Cmt'd 8-5/8" csg as follows: Pmpd 20 BFW spacer, pmpd 600 sxs lead cmt, 65:35 B-Poz w/6% gel, 2% CaCl & 1/4#/sx Flocele - Tailed in w/200 sxs Standard cmt w/1% CaCL & 1/4#/sx Flocele (lead @ 12.4 ppg/214 bbls) - Tailed @ 15.6 ppg/43 bbls - Displaced cmt w/125 BFW - Staged in last 7-10 bbls - Bmpd plug to 1000 psi @ 8:30 PM 7/14/02 - Float held OK - Good rtns throughout job - 60 bbls +/- cmt slurry rtnrd - Cmt stayed static - Will not need to top out - RDMO Halliburton cementers -. W.O. cmt. Cut off 8-5/8" csg. Waited on FMC csg hand . W.O. welder - Left location & did not return

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU 73028
2. Name of Operator SAMEDAN OIL CORPORATION		6. If Indian, Allottee or Tribe Name
Contact: JANIS VERCHER E-Mail: jvercher@nobleenergyinc.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 12600 NORTHBOROUGH, SUITE 250 HOUSTON, TX 77067	3b. Phone No. (include area code) Ph: 281.872.2505 Fx: 282.872.2503	8. Well Name and No. MONTEZUMA 41-17-74
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T37S R24E NENE 630FNL 940FEL		9. API Well No. 43-037-31765
		10. Field and Pool, or Exploratory WILDCAT
		11. County or Parish, and State SAN JUAN COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)


7/15/02 - Welded on FMC 8-5/8" 3M SOW casing head. Tested well to 800 psi. Testing BOPE, Jeff Brown with BLM witnessed testing.
7/16/02 - Drilling to 3,046'.
7/17/02 - Drilling to 3,689'.
7/18/02 - Drilling to 4,194', trip out of hole for hole in drill pipe, will pick up new Reed S3 HP bit.
7/19/02 - Drilling to 4,540', trip out of hole to change jets on bit, pump running too hot.
7/20/02 - Drilling to 4,999'.
7/21/02 - Drilling to 5,290'.

Please see attached daily drilling reports for more details.

RECEIVED

JUL 25 2002

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct. Electronic Submission #12972 verified by the BLM Well Information System For SAMEDAN OIL CORPORATION, sent to the Moab	
Name (Printed/Typed) JANIS VERCHER	Title REPORT PREPARER
Signature  (Electronic Submission)	Date 07/22/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for EC transaction #12972 that would not fit on the form

32. Additional remarks, continued

cc: State of Utah (UDOGM)

Samedan Oil Corporation

Created: Tuesday July/16/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drilli and Complete a Flowing Oil and Gas Well.

Tue 07/16/2002

DOL:6

Daily:\$16,440

Cum:\$184,612

Rpt #6

MD:1,984

TVD:0

PBTD:

SUMMARY

Progress: 0

Mud Wgt:0

Mud Vis:

Waiting on welder (coming from Farmington, N.M.). Welded on FMC 8-5/8" 3M SOW csg head. Let wellhead cool - Tstd well to 800 psi. NU BOPE. Tstg BOPE, all blind rams, pipe rams, kill line, chk manifold & dart valve & lower kelly cock to 3000 psi - Held OK - tstd hydrl to 1500 psi - Held OK - Test witnessed by Jeff Brown with BLM - Tstd 8-5/8" csg to 1200 psi for 1/2 hr - Held OK - Also function tstd accumulator (OK). PU BHA & TIH at report time

Samedan Oil Corporation

Created: Wednesday July/17/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Wed 07/17/2002

Rpt #7

SUMMARY

TIH. Drld cmt plug, float & shoe. Drld. R/S. Drld. Svy'd. Drld

DOL:7

MD:3,046

Progress: 1062 / 20.5 hrs

Daily:\$10,123

TVD:0

Mud Wgt:0

Cum:\$194,735

PBTD:

Mud Vis:

Samedan Oil Corporation

Created: Thursday July/18/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drilli and Complete a Flowing Oil and Gas Well.

Thu 07/18/2002

Rpt #8

SUMMARY

Survd.. Drlg.. Rig Service.. Drlg.. Rig Repair.. Drlg.. Survd.. Drlg.

DOL:8

MD:3,689

Progress: 643 / 22 hrs

Daily:\$10,566

TVD:3,689

Mud Wgt:0

Cum:\$205,301

PBTD:

Mud Vis:

Samedan Oil Corporation

Created: Friday July/19/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Fri 07/19/2002

DOL:9

Daily:\$9,304

Cum:\$214,605

Rpt #9

MD:4,194

TVD:3,689

PBTD:

SUMMARY

Progress: 505 / 20 hrs

Mud Wgt:0

Mud Vis:

Drlg. Svy. Drlg. R/S. TOOH for hole in DP & to change upper kelly cock - Will PU
new Reed S3 HP bit at this time

Samedan Oil Corporation

Created: Monday July/22/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Sat 07/20/2002

DOL:10

Daily:\$13,908

Cum:\$228,513

Rpt #10

MD:4,540

TVD:3,689

PBTD:

SUMMARY

Progress: 346 / 14 hrs

Mud Wgt:0

Mud Vis:

FTOOH for hole in DP & PU Bit #5. TIH w/Bit #5. R/S. FTIH. Wshd 30' to btm.

Drlg. TOOH to change jet in bit - Pmp motors running too hot. Changed jets on bit &

TIH. Drlg

Samedan Oil Corporation

Created: Monday July/22/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Sun 07/21/2002

Rpt #11

SUMMARY

Drlg. Svy. Drlg

DOL:11

MD:4,999

Progress: 459 / 23.5 hrs

Daily:\$11,425

TVD:3,689

Mud Wgt:0

Cum:\$239,938

PBTD:

Mud Vis:

Samedan Oil Corporation

Created: Monday July/22/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Mon 07/22/2002

Rpt #12

SUMMARY

Drlg. R/S. Svy. Drlg

DOL:12

MD:5,290

Progress: 291

/ 23 hrs

Daily:\$10,942

TVD:3,689

Mud Wgt:0

Cum:\$250,880

PBTD:

Mud Vis:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
UTU 73028

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
SAMEDAN OIL CORPORATIONContact: JANIS VERCHER
E-Mail: jvercher@nobleenergyinc.com3a. Address
12600 NORTHBOROUGH, SUITE 250
HOUSTON, TX 770673b. Phone No. (include area code)
Ph: 281.872.2505
Fx: 282.872.25038. Well Name and No.
MONTEZUMA 41-17-749. API Well No.
43-037-3176510. Field and Pool, or Exploratory
WILDCAT

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 17 T37S R24E NENE 630FNL 940FEL

11. County or Parish, and State

SAN JUAN COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

7/22/02 - Drilling to 5,614'.

7/23/02 - Drilling to 5,830'.

7/24/02 - Drilling to 5,840', first drill stem test.

7/25/02 - Chained out of hole, picked up core barrel, coring well from 5,840 to 5,885'.

7/26/02 - Coring well from 5,885' to 5,900', drilling to 5,945'.

7/27/02 - Drilling to 5,965', 2nd drill stem test.

7/28/02 - Tested BOP's, drilling to 6,096'.

Please see attached daily drilling reports for more details.

cc: State of Utah (UDOGM)

RECEIVED

AUG 01 2002

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #13175 verified by the BLM Well Information System
For SAMEDAN OIL CORPORATION, sent to the Moab

Name (Printed/Typed) JANIS VERCHER

Title REPORT PREPARER

Signature

(Electronic Submission)

Date 07/29/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

Samedan Oil Corporation

Created: Tuesday July/23/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Tue 07/23/2002

Rpt #13

SUMMARY

Drlg. R/S. Drlg. Svy. Drlg

DOL:13

MD:5,614

Progress: 324 / 23 hrs

Daily:\$14,081

TVD:3,689

Mud Wgt:0

Cum:\$264,961

PBTD:

Mud Vis:

Samedan Oil Corporation

Created: Wednesday July/24/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well MONTEZUMA 41-17-74

ID 43-037-31765

Event: 1 - DRILLING

Operated

Legal NENE 17-37S-243

SOC WI 1.0000000

SOC RI 0.7800000

Location SAN JUAN UTAH

Contractor: CYCLONE DRILLING, INC.

Drilling Rig: CYCLONE RIG #16

AFE Number: 43477

AFE Estimate: \$415,700

Pros Name MONTEZUMA

Pros Number 44765

Proposed MD 6,216

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Wed 07/24/2002

DOL:14

Daily:\$12,029

Cum:\$276,990

Rpt #14

MD:5,830

TVD:3,689

PBTD:

SUMMARY

Progress: 216 / 21.5 hrs

Mud Wgt:0

Mud Vis:

Drlg. R/S. Drlg. Circ & raise MW to 9.8 ppg - Had 1' drlg break @ 5746-47',
10,000 +/- units of gas, slow @ surf at drlg depth of 5756' - skim light, green oil on
pits. Drlg, background gas 600-700 units spiking up to 1700 units +/- 20' to core pt

Samedan Oil Corporation

Created: Thursday July/25/2002

281-876-6147

ONSHORE Development Well

OPERATOR ->SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Thu 07/25/2002

DOL:15

Daily:\$9,365

Cum:\$286,355

Rpt #15

MD:5,840

TVD:3,689

PBTD:

SUMMARY

Progress: 10 / 2 hrs

Mud Wgt:0

Mud Vis:

Drig. Mix & pump pill. SOOH for DST #1. PU Schlumberger DST tools. TIH. Rig repair (air leak in clutch). FTIH w/DST tool. Hooked up manifold & testing well

Samedan Oil Corporation

Created: Friday July/26/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well MONTEZUMA 41-17-74

ID 43-037-31765

Event: 1 - DRILLING

Operated

Legal NENE 17-37S-243

SOC WI 1.0000000

SOC RI 0.7800000

Location SAN JUAN UTAH

Contractor: CYCLONE DRILLING, INC.

Drilling Rig: CYCLONE RIG #16

AFE Number: 43477

AFE Estimate: \$415,700

Pros Name MONTEZUMA

Pros Number 44765

Proposed MD 6,216

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Fri 07/26/2002

DOL:16

Daily:\$20,962

Cum:\$307,317

Rpt #16

MD:5,885

TVD:3,689

PBTD:

SUMMARY

Progress: 45 / 4.5 hrs

Mud Wgt:0

Mud Vis:

DST - Final SI. Chained out of hole. Reversed out FL f/DST - Recovered 5 bbls gas wet oil & 2-1/2 bbls emulsified mud. FTOOH. LD DST tools - Pulled samples. PU core bbl. TIH w/coe barrel. C&C hole. Coring 5840-85'

Samedan Oil Corporation

Created: Monday July/29/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Sat 07/27/2002

DOL:17

Daily:\$25,549

Cum:\$332,866

Rpt #17

MD:5,945

TVD:3,689

PBTD:

SUMMARY

Progress: 60 / 6.5 hrs

Mud Wgt:0

Mud Vis:

Coring 5885-5900'. M&P pill. Chained out of hole w/core. LD core. Made up Bit #7, re-ran - R/S. TIH. Reaming f/5742-5900' (158'). Drlg. Pumps airing up - Cond mud.

Drlg

Samedan Oil Corporation

Created: Monday July/29/2002

281-876-6147

ONSHORE Development Well

OPERATOR ->SAMEDAN OIL CORPORATION

Well MONTEZUMA 41-17-74

ID 43-037-31765

Event: 1 - DRILLING

Operated

Legal NENE 17-37S-243

SOC WI 1.0000000

SOC RI 0.7800000

Location SAN JUAN UTAH

Contractor: CYCLONE DRILLING, INC.

Drilling Rig: CYCLONE RIG #16

AFE Number: 43477

AFE Estimate: \$415,700

Pros Name MONTEZUMA

Pros Number 44765

Proposed MD 6,216

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Sun 07/28/2002

DOL:18

Daily:\$10,729

Cum:\$343,595

Rpt #18

MD:5,965

TVD:3,689

PBTD:

SUMMARY

Progress: 20 / 1 hrs

Mud Wgt:0

Mud Vis:

Drlg (brks 5924-31' & 5938-57'). Circ for samples. Short trip, 10 stds. C&C hole for DST #2. TOOH for DST #2. PU DST tools. TIH. DST #2 - IF 15 mins, ISI 90 mins, FF 90 mins, FSI 360 mins. Unhooked tst lines & started chaining OOH

Samedan Oil Corporation

Created: Monday July/29/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drilli and Complete a Flowing Oil and Gas Well.

Mon 07/29/2002

DOL:19

Daily:\$16,174

Cum:\$359,769

Rpt #19

MD:6,096

TVD:3,689

PBTD:

SUMMARY

Progress: 131 / 14.5 hrs

Mud Wgt:0

Mud Vis:

TOOH w/DST #2. LD DST tools. R/S - Tstd BOPs. TIH. Cut drl line. FTIH. Drlg

Schlumberger

FIELD REPORT

TYPE OF SERVICE
ON BTM STRADDLE

DATE
24-JUL-2002

DISTRICT
HOBBBS

Page
1 of 2

WELL OWNER: SAMEDAN OIL CORPORATION

SERVICE ORDER NUMBER: 8992920

REPORTS ADDRESS: 12600 NORTHBOROUGH / SUITE 250 / HOUSTON, TX 77067 ATTN:LYNN HITT/SCOTT STEINKKE

WELL NAME & NO.: MONTEZUMA 41-17-74

FIELD: UNETH

LEASE:

LOCATION: 17/37s/24e

43-037-31765

COUNTY: SAN JUAN

STATE: UTAH

TEST NO. ONE

TEST INTERVAL FROM 5714 FT TO 5764 FT = 50 FT

SURFACE DATA

EQUIPMENT SEQUENCE

DESCRIPTION	DATE	TIME OF DAY	PRESSURE	COMPONENTS	OD	ID	LENGTH	DEPTH
OPEN TO 1/8" BUBBLE HOSE	25-JUL			SURFACE FLOWHEAD				
HYDROSTATIC MUD		04:40		DRILL PIPE 16.6#	4.50	3.82	4258.	
SET PACKERS		04:42		DRILL PIPE 20 #	4.50	3.64	930.8	
FLOW POINT-TOOL OPEN		04:45		DRILL COLLARS-9	6.25	2.25	275.2	
BOTTOM OF BUCKET 15 SEC.				PUMPOUT DISK REVERSING VALVE	6.00	3.00	1.230	
		04:46	2 #	DRILL COLLARS-3	6.25	2.25	90.00	
		04:47	20#	BREAKOFF PIN REVERSING VALVE	6.00	3.00	1.480	
		04:48	60#	DRILL COLLARS-4	6.25	2.25	120.0	
OPEN TO 1/4" CHOKE ONLY		04:49	80#	CROSS OVER SUB	6.25	2.25	1.260	
5 MIN START FLOW		04:50	90#	MFE (MFEV-B)	5.00	0.94	10.02	
8 MINS GAS TO SURFACE		04:53	115#	MFE OH BYPASS (MBYP-B)	5.00	1.18	2.980	
10 MINS		04:55	120#	DC HYDRAULIC JARS	4.75	1.88	7.310	
END FLOW & START SHUT-IN		05:00	130#	SAFETY JOINT (SAJ-BA)	4.75	1.50	2.440	
130# ON 1/4" = 195 MCFD				BOB TAIL PACKER	7.25	1.50	6.120	
OPEN TO 3/4" CHOKE ONLY		05:02		BOB TAIL PACKER	7.25	1.50	7.160	
OPEN TO 1/4" CHOKE ONLY		05:58		PERFORATED ANCHOR	4.75	2.25	14.82	
END SHUT-IN		06:01		DUAL IN/OUT GAUGE HANGER	4.75	1.00	0.760	
FLOW POINT-TOOL OPEN		06:03	0	CROSS OVER SUB	5.75	2.32	1.060	
		06:04	4#	DRILL COLLAR-1	6.25	2.25	28.59	
		06:06	9#	CROSS OVER SUB	5.94	2.37	1.160	
5 MIN START FLOW		06:08	16#	LOWER STRADDLE BYPASS	5.00	0.00	3.610	
10 MIN		06:13	35#	BOB TAIL PACKER	7.25	1.50	7.220	
15 MIN		06:18	45#	BOB TAIL PACKER	7.25	1.50	6.120	
20 MIN		06:23	48#	BLANK PIPE	4.75	2.25	2.470	
25 MIN PRESSURE DROPPING		06:28	46#	INSIDE RECORDER CARRIER	4.88	2.50	7.210	
30 MIN		06:33	43#	CROSS OVER SUB	6.00	2.25	1.120	
35 MIN		06:38	38#	DRILL COLLAR-1	6.25	2.25	29.21	
40 MIN		06:43	31#	CROSS OVER SUB	6.25	2.25	1.180	
45 MIN		06:48	28#	BLANK PIPE	4.75	2.25	15.00	
50 MIN		06:53	23#	OUTSIDE RECORDER CARRIER	4.88	2.50	5.820	
END FLOW & START SHUT-IN		07:03	18#	BULLNOSE	4.75	0.00	0.650	
OPEN TO 3/4" CHOKE ONLY		07:06						
A LAZY 6" FLARE		11:00						
STILL BURNS								
END SHUT-IN		11:08						
PULLED PACKERS LOOSE		11:12						
HYDROSTATIC MUD		11:14						
PULLED TO FLUID								

RECEIVED
AUG 08 2002
DIVISION OF
OIL, GAS AND MINING

RECOVERY DESCRIPTION	FEET	BBLS	OIL GRAVITY	RESISTIVITY	CHLORIDES
HEAVILY GAS					
CUT OIL	405		43.1 °API 60 °F		
EMULSIFIED					
MUD WITH					
20% OIL CUT	500		43.1 °API 60 °F	0.710 OHMS 60 °F	6000 PPM

SERVICE ORDER NUMBER:

8992920

SCHLUMBERGER ENGINEER/TECHNICIAN

BILL GRAYSHAW

FIELD REPORT

TYPE OF SERVICE
ON BTM STRADDLEDATE
24-JUL-2002DISTRICT
HOBBSSPage
2 of 2

INSTRUMENT DATA

INSTRUMENT NO.	SLSR-703	SLSR-704	SLSR-1231	J-1237
CAPACITY (PSIG)	10000	10000	10000	9000
DEPTH	5729	5735	5787	5839
INSIDE-OUTSIDE	OUT	IN	IN	OUT
CLOCK CAP.	ELECTRONIC	ELECTRONIC	ELECTRONIC	48 HOURS
TEMPERATURE °F	135	136	136	
I. HYD. PSIG	3040	3036	3067	
I. FLOW PSIG	315-378	313-387	TATTLE TALE TELLS	
I.S.I. PSIG	820	822	GAUGE SHOWS THE	
2nd FLOW PSIG			GOOD SEAT SAME	
2nd S.I. PSIG			LOWER ZONE STORY	
F. FLOW PSIG	273-358	272-363	BUILDS UP	
F.S.I. PSIG	600	606	3385	
F. HYD. PSIG	3026	3030	3059	

MUD DATA

MUD TYPE	F/W GEL-PAC	MUD WT	10.0	#/gal
VISCOSITY	43	WATER LOSS	8.2	CC
RESISTIVITY: OF MUD	@	°F		
RESISTIVITY: OF FILTRATE	0.811 @ 60	°F		
CHLORIDES	5200	PPM		
H2S DURING TEST	0	PPM		

WELL BORE DATA

FORMATION TESTED	LOWER PARADOX
NET PRODUCTIVE INTERVAL	2 ft EST. POROSITY 9 %
ELEVATION	4733 ft DEPTH MEASURED FROM KB
TOTAL MEASURED DEPTH	5840 ft
O H SIZE	7.875 in
CASING SIZE	8.62 @ 1983'
LINER SIZE	
PERF INTERVAL FROM	ft TO ft
SHOT DENSITY	

CUSHION	LENGTH	AMOUNT	SURFACE PRESS	BOTTOM CHOKE SIZE
NONE				0.94

SAMPLER DATA

RECOVERY	RESISTIVITY	CHLORIDES
GAS 2.53 C.F.	RECOVERED WATER @ deg F	PPM
OIL 10 C.C.	RECOVERED MUD @ deg F	
WATER 0 C.C.	REC. MUD FILTRATE @ deg F	PPM
MUD 0 C.C.	PIT MUD @ deg F	
GRAVITY °API °F	PIT MUD FILTRATE @ deg F	PPM
GOR -25352 C.F./BBL	SAMPLER PRESSURE 380 psig	

REMARKS:

We had a successful straddle test. The total recovery was 7.5 bbls. There was 5 bbls. of heavily gas cut oil at the top, with about 50% gas in it. The bottom was 2.5 bbls. of moderately emulsified mud with about a 20% oil cut to it. The tattle gauge below the packers showed a good packer seat, but also shows a build up from the bottom zone.

SERVICE ORDER NUMBER:

8992920

SCHLUMBERGER ENGINEER/TECHNICIAN

BILL GRAYSHAW

REPORT NO.

8992920

PAGE NO. 1

TEST DATE:

24-JUL-2002

S T A R

Schlumberger Testing Data Report

Schlumberger

Pressure Data Report

COMPANY: SAMEDAN OIL CORPORATION

WELL: MONTEZUMA 41-17-74

TEST IDENTIFICATION

Test Type ON BTM STRADDLE
 Test No. ONE
 Formation LOWER PARADOX
 Test Interval (ft) 5714 to 5764
 Depth Reference KB

WELL LOCATION

Field UNETH
 County SAN JUAN
 State UTAH
 Sec/Twn/Rng 17/37s/24e
 Elevation (ft) 4733

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 5840
 Hole Size (in) 7.875
 Casing/Liner I.D. (in) 8.62 @ 1983'
 Perf'd Interval/Net Pay (ft) .. / 2
 Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type F/W GEL-PAC
 Mud Weight (lb/gal) 10.0
 Mud Resistivity (ohm.m)
 Filtrate Resistivity (ohm.m) .. 0.811 @ 60F
 Filtrate Chlorides (ppm) 5200

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 3040.29
 Gas Cushion Type
 Surface Pressure (psi)
 Liquid Cushion Type
 Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 5189 / 3.64
 Collar Length (ft)/I.D. (in) .. 543 / 2.25
 Packer Depths (ft)
 Bottomhole Choke Size (in) ... 0.94
 Gauge Depth (ft)/Type 5729/SLSR-703

NET PIPE RECOVERY

Volume	Fluid Type	Properties
	HEAVILY GAS	
405 ft	CUT OIL	API 43.1@60F
	EMULSIFIED	
	MUD WITH	
500 ft	20% OIL CUT	API 43.1@60FRw0.710@

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
2.53 cuft	Gas	
10 cc	Oil	
0 cc	Water	
0 cc	Mud	
Pressure: 380		GOR: 40184 GLR: 40184

INTERPRETATION RESULTS

Model of Behavior
 Fluid Type Used for Analysis..
 Reservoir Pressure (psi)
 Transmissibility (md.ft/cp) ..
 Effective Permeability (md) ..
 Skin Factor/Damage Ratio
 Storativity Ratio, Omega
 Interporos.Flow Coef..Lambda..
 Distance to an Anomaly (ft) ..
 Radius of Investigation (ft)..
 Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API)
 Basic Solids (%)
 Gas Gravity
 GOR (scf/STB)
 Water Cut (%)
 Viscosity (cp)
 Total Compressibility (1/psi)..
 Porosity (%) 9
 Reservoir Temperature (F) 135
 Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

We had a successful straddle test. The total recovery was 7.5 bbls. There was 5 bbls. of heavily gas cut oil at the top, with about 50% gas in it. The bottom was 2.5 bbls. of moderately emulsified mud with about a 20% oil cut to it. The tattle gauge below the packers showed a good packer seat, but also shows a build up from the bottom zone.

WELL TEST INTERPRETATION REPORT #: 8992920		PAGE: 2,
CLIENT : SAMEDAN OIL CORPORATION		3-AUG-88
REGION : CSD	SEQUENCE OF EVENTS	FIELD: UNETH
DISTRICT: HOBBS		ZONE : LOWER PARADOX
BASE : MIDLAND		WELL : MONTZMA 41-17
ENGINEER: BILL GRAYSHAW		LOCATION: 17/37s/24e

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
=====					
25-JUL		OPEN TO 1/8" BUBBLE HOSE			
	04:40	HYDROSTATIC MUD	-10	3040	
	04:42	SET PACKERS	-8		
	04:45	FLOW POINT-TOOL OPEN	-5		
		BOTTOM OF BUCKET 15 SEC.			
	04:46		-4		2 #
	04:47		-3		20#
	04:48		-2		60#
	04:49	OPEN TO 1/4" CHOKE ONLY	-1		80#
	04:50	5 MIN START FLOW	0	315	90#
	04:53	8 MINS GAS TO SURFACE	3		115#
	04:55	10 MINS	5		120#
	05:00	END FLOW & START SHUT-IN	10	379	130#
		130# ON 1/4" = 195 MCFD			
	05:02	OPEN TO 3/4" CHOKE ONLY	12		
	05:58	OPEN TO 1/4" CHOKE ONLY	68		
	06:01	END SHUT-IN	71	820	
	06:03	FLOW POINT-TOOL OPEN	73		0
	06:04		74		4#
	06:06		76		9#
	06:08	5 MIN START FLOW	78	273	16#
	06:13	10 MIN	83		35#
	06:18	15 MIN	88		45#
	06:23	20 MIN	93		48#
	06:28	25 MIN PRESSURE DROPPING	98		46#
	06:33	30 MIN	103		43#
	06:38	35 MIN	108		38#
	06:43	40 MIN	113		31#
	06:48	45 MIN	118		28#
	06:53	50 MIN	123		23#
	07:03	END FLOW & START SHUT-IN	133	358	18#

Continued next page

WELL TEST INTERPRETATION REPORT #:8992920		PAGE: 3,
CLIENT : SAMEDAN OIL CORPORATION		3-AUG-**
REGION :CSD	SEQUENCE OF EVENTS Continued	FIELD:UNETH
DISTRICT:HOBBS		ZONE :LOWER PARADOX
BASE :MIDLAND		WELL :MONTZMA 41-17
ENGINEER:BILL GRAYSHAW		LOCATION:17/37s/24e

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
	07:06	OPEN TO 3/4" CHOKE ONLY	136		
	11:00	A LAZY 6" FLARE STILL BURNS	370		
	11:08	END SHUT-IN	378	600	
	11:12	PULLED PACKERS LOOSE	382		
	11:14	HYDROSTATIC MUD PULLED TO FLUID	384	3026	

WELL TEST INTERPRETATION REPORT #:8992920		PAGE: 12,
CLIENT : SAMEDAN OIL CORPORATION		3-AUG-88
REGION :CSD	DISTRIBUTION OF REPORTS	FIELD:UNETH
DISTRICT:HOBBS		ZONE :LOWER PARADOX
BASE :MIDLAND		WELL :MONTZMA 41-17
ENGINEER:BILL GRAYSHAW		LOCATION:17/37s/24e

SCHLUMBERGER has sent copies of this report to the following:

SAMEDAN OIL CORPORATION
12600 NORTHBOROUGH
SUITE 250
HOUSTON, TX 77067
Attn: LYNN HITT/SCOTT STEINKE
(6 copies)

EVERGREEN RESOURCES
1401 SEVENTEENTH STREET
SUITE 1200
DENVER, CO 80202
Attn: DENNIS CARLTON
(1 copy)

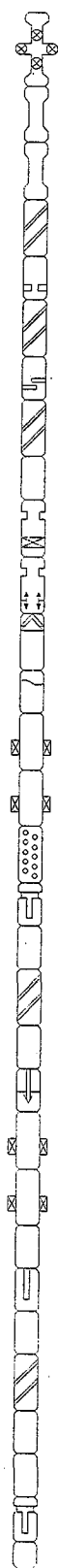
ROBERT G. GRUNDY
22226 MEADOW VIEW ROAD
MORRISON, CO 80465
(1 copy)

BUREAU OF LAND MANAGEMENT
82 EAST DOGWOOD
MOAB, UT 84532
Attn: ERIC JONES
(2 copies)

UTAH D.O.G.M.
1594 WEST TEMPLE
SUITE 1210
SALT LAKE CITY, UT 84114
Attn: CAROL DANIELS/DAN JARVIS
(2 copies)

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SAMEDAN OIL CORPORATION
MONTEZUMA 41-17-74
TOOL STRING SCHEMATIC



TOOL DESCRIPTION	OD	ID	LENGTH	DEPTH
SURFACE FLOWHEAD				0
DRILL PIPE 16.6#	4.50	3.82	4258.	4258
DRILL PIPE 20 #	4.50	3.64	930.8	5188.8
DRILL COLLARS-9	6.25	2.25	275.2	5464
PUMPOUT DISK REVERSING VALVE	6.00	3.00	1.230	5465.23
DRILL COLLARS-3	6.25	2.25	90.00	5555.23
BREAKOFF PIN REVERSING VALVE	6.00	3.00	1.480	5556.71
DRILL COLLARS-4	6.25	2.25	120.0	5676.71
CROSS OVER SUB	6.25	2.25	1.260	5677.97
MFE (MFEV-B)	5.00	0.94	10.02	5687.99
MFE OH BYPASS (MBYP-B)	5.00	1.18	2.980	5690.97
DC HYDRAULIC JARS	4.75	1.88	7.310	5698.28
SAFETY JOINT (SAJ-BA)	4.75	1.50	2.440	5700.72
BOB TAIL PACKER	7.25	1.50	6.120	5706.84
BOB TAIL PACKER	7.25	1.50	7.160	5714
PERFORATED ANCHOR	4.75	2.25	14.82	5728.82
DUAL IN/OUT GAUGE HANGER	4.75	1.00	0.760	5729.58
CROSS OVER SUB	5.75	2.32	1.060	5730.64
DRILL COLLAR-1	6.25	2.25	28.59	5759.23
CROSS OVER SUB	5.94	2.37	1.160	5760.39
LOWER STRADDLE BYPASS	5.00	0.00	3.610	5764
BOB TAIL PACKER	7.25	1.50	7.220	5771.22
BOB TAIL PACKER	7.25	1.50	6.120	5777.34
BLANK PIPE	4.75	2.25	2.470	5779.81
INSIDE RECORDER CARRIER	4.88	2.50	7.210	5787.02
CROSS OVER SUB	6.00	2.25	1.120	5788.14
DRILL COLLAR-1	6.25	2.25	29.21	5817.35
CROSS OVER SUB	6.25	2.25	1.180	5818.53
BLANK PIPE	4.75	2.25	15.00	5833.53
OUTSIDE RECORDER CARRIER	4.88	2.50	5.820	5839.35
BULLNOSE	4.75	0.00	0.650	5840

Report Number: 8992920

Test Number: ONE

Test Date: 24-JUL-2002

Schlumberger

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 8992920

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR703

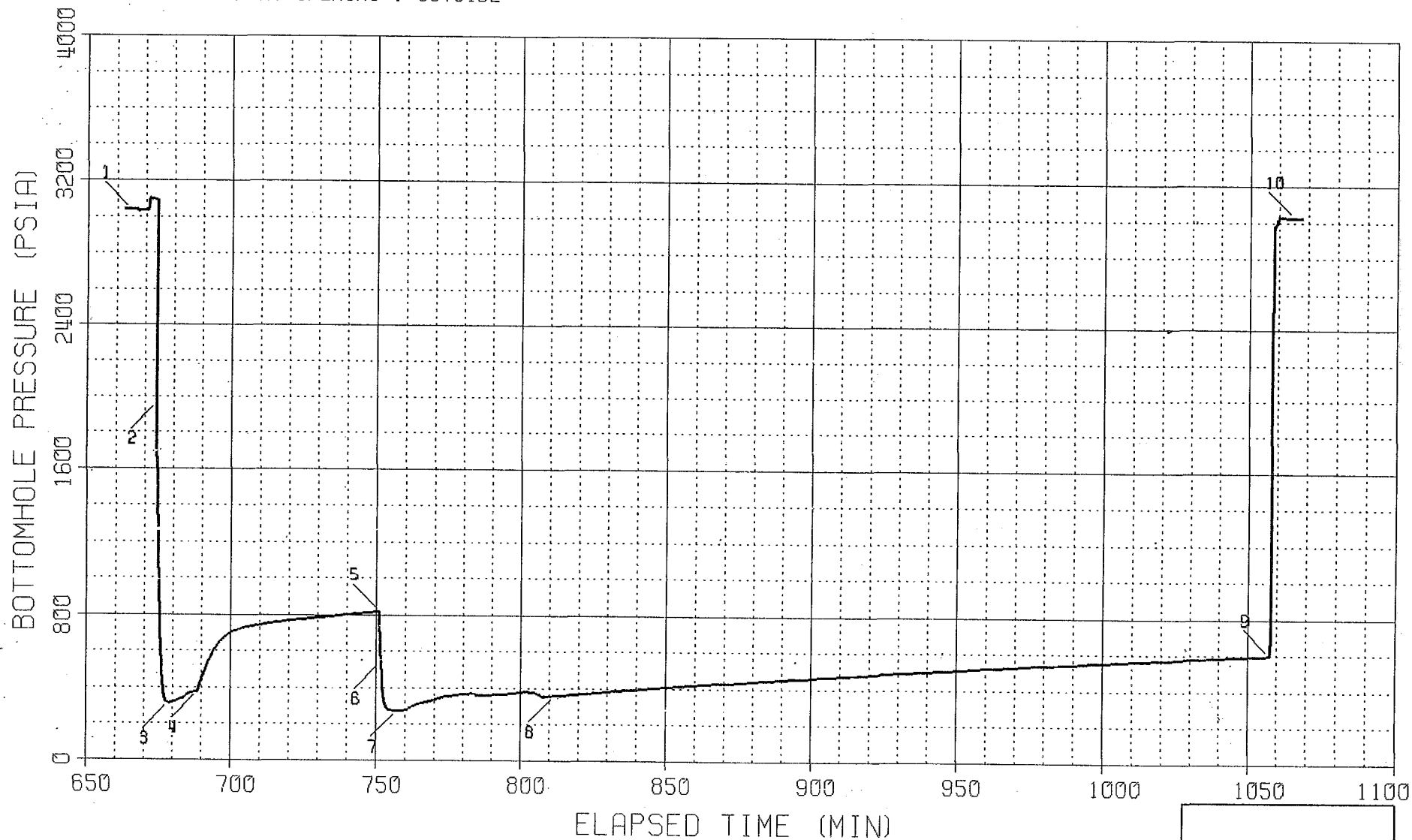
WELL : MONTEZUMA 41-17-74

DEPTH : 5729 FT

CAPACITY : 10000 PSI

Electronic Pressure Data

PORT OPENING : OUTSIDE



Schlumberger

BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 8992920

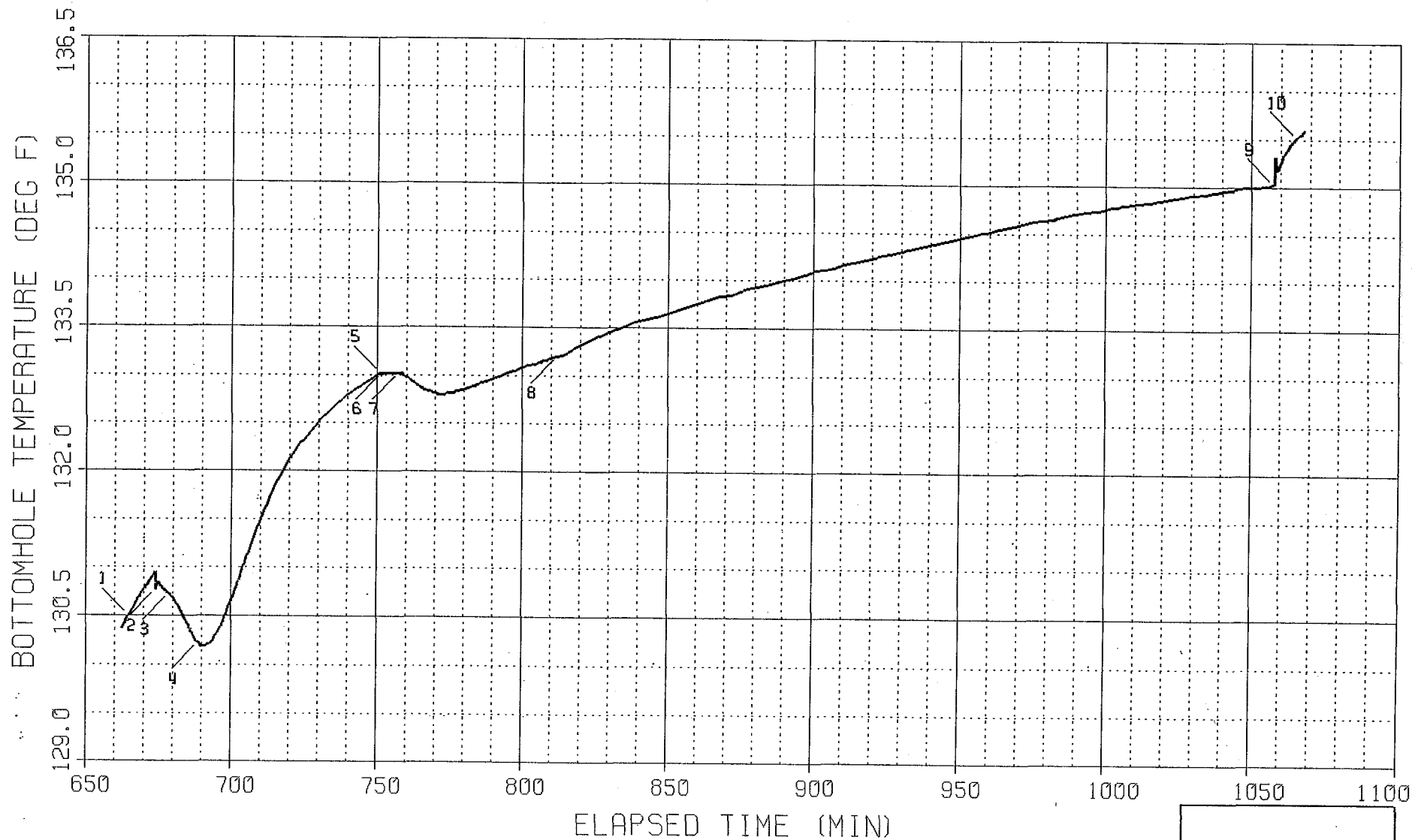
COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR703

WELL : MONTEZUMA 41-17-74

DEPTH : 5729 FT

Electronic Temperature Data



Schlumberger

LOG LOG PLOT

COMPANY : SAMEDAN OIL CORPORATION

WELL : MONTEZUMA 41-17-74

FIELD REPORT NO. 8992920

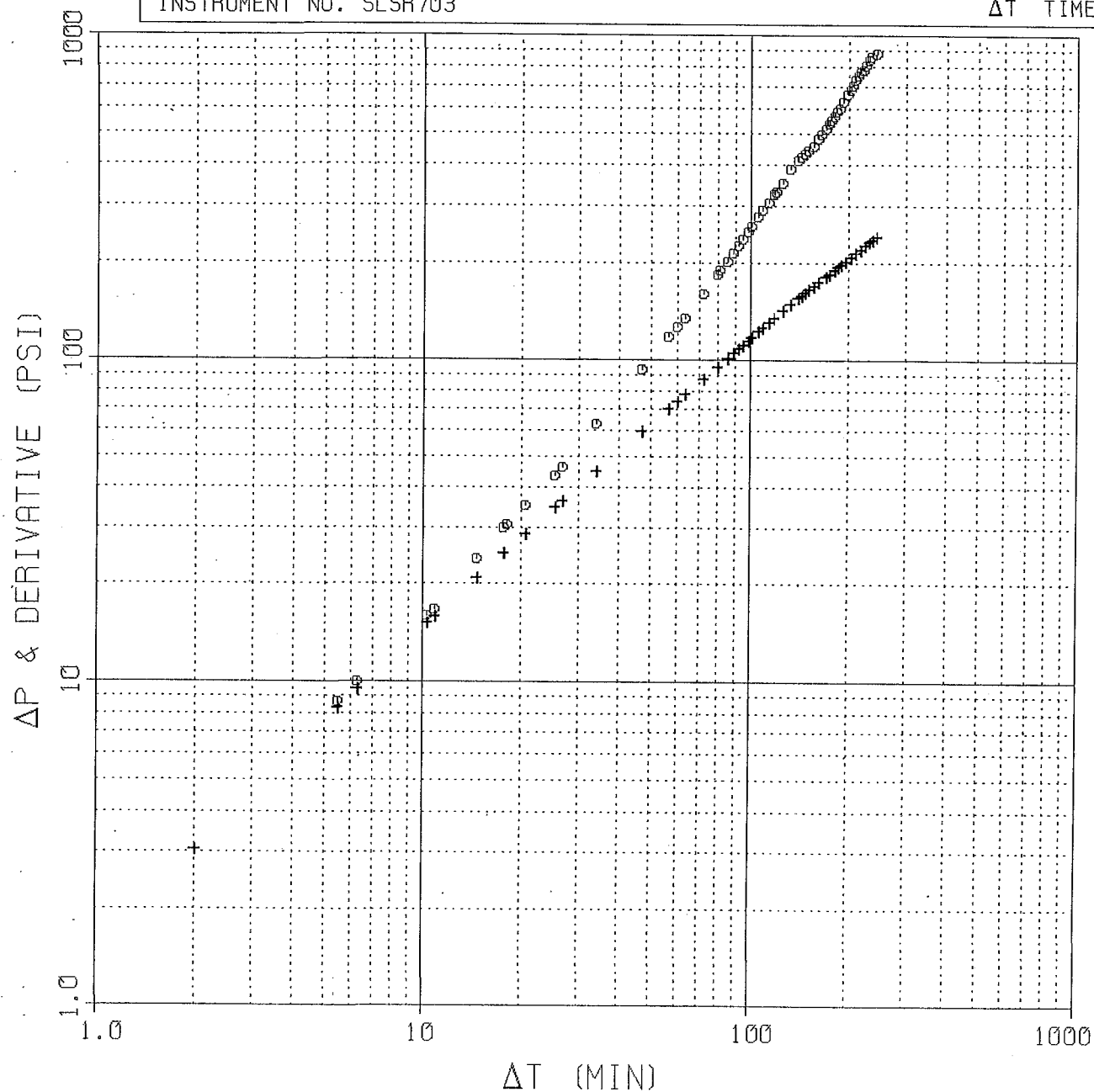
INSTRUMENT NO. SLSR703

SHUTIN #2 : PRODUCING TIME (T_p): 64.5 MIN

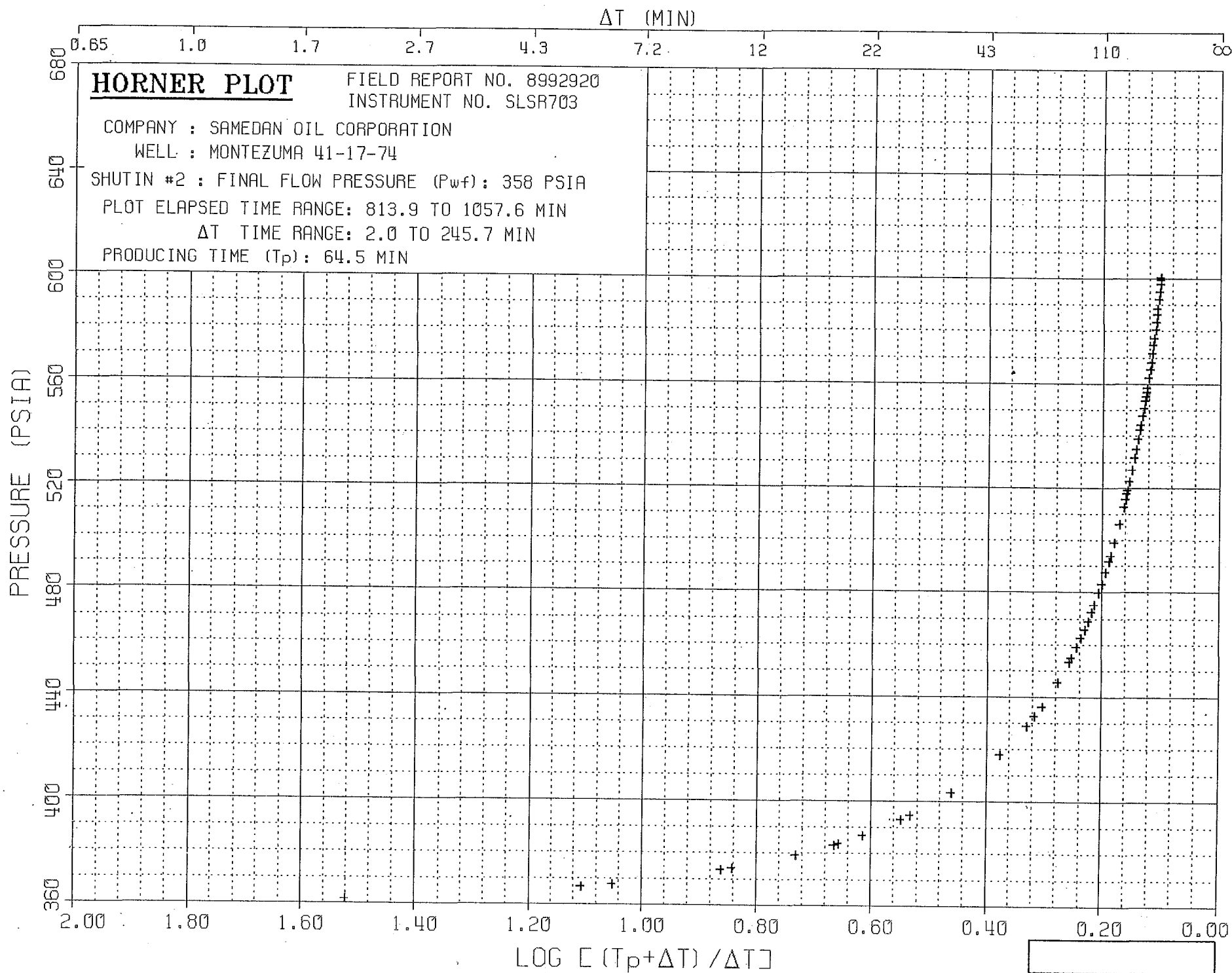
FINAL FLOW PRESSURE (P_{wf}): 358 PSIA

PLOT ELAPSED TIME RANGE: 813.9 TO 1057.6 MIN

ΔT TIME RANGE: 2.0 TO 245.7 MIN



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PRESSURE (PSIA)

ΔT (MIN)

HORNER PLOT

FIELD REPORT NO. 8992920

INSTRUMENT NO. SLSR703

COMPANY : SAMEDAN OIL CORPORATION

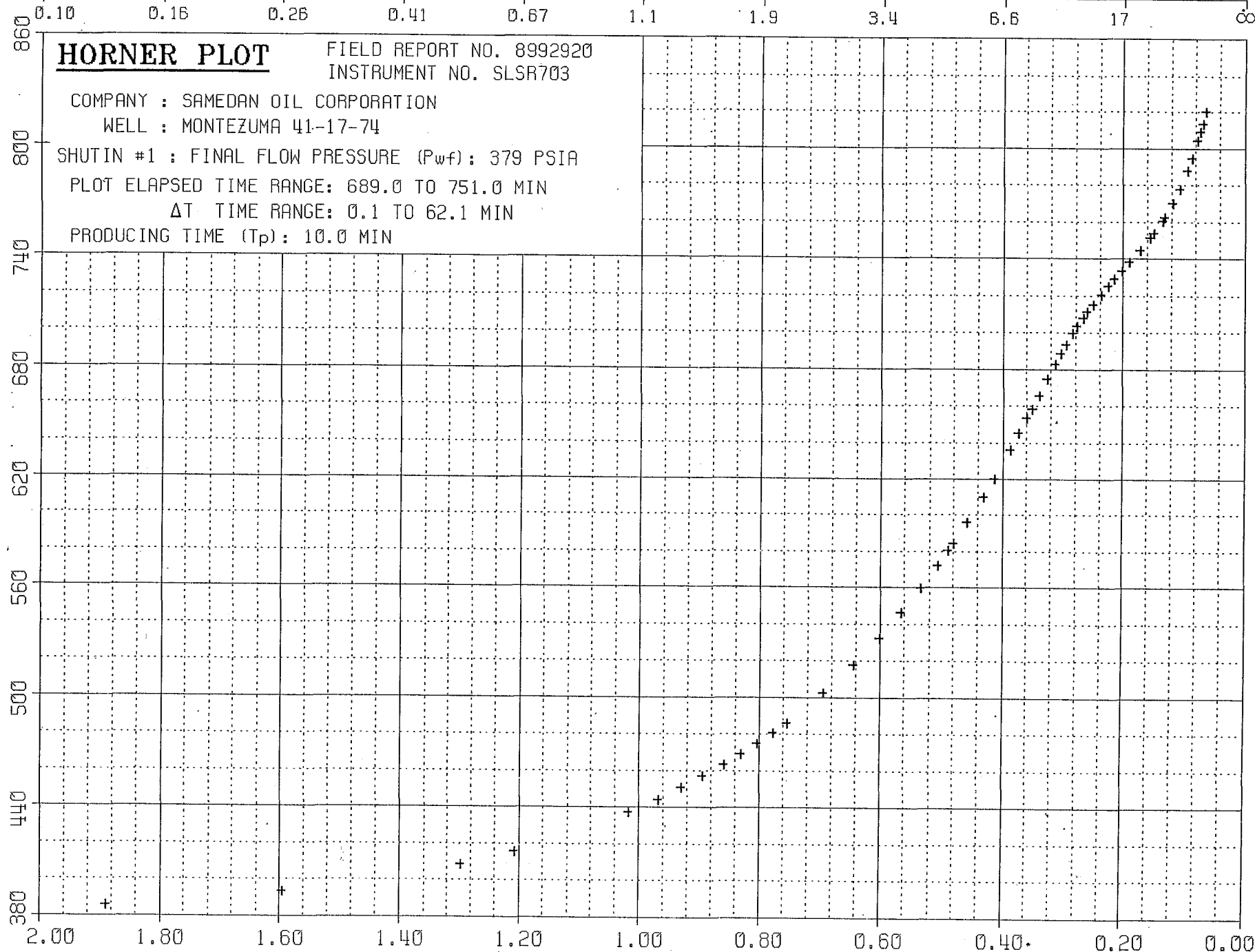
WELL : MONTEZUMA 41-17-74

SHUTIN #1 : FINAL FLOW PRESSURE (P_{wf}) : 379 PSIA

PLOT ELAPSED TIME RANGE: 689.0 TO 751.0 MIN

ΔT TIME RANGE: 0.1 TO 62.1 MIN

PRODUCING TIME (T_p) : 10.0 MIN



$\text{LOG} [(T_p + \Delta T) / \Delta T]$

Schlumberger

 ** WELL TEST DATA PRINTOUT **

COMPANY: SAMEDAN OIL CORPORATION
 WELL: MONTEZUMA 41-17-74

FIELD REPORT NO. 8992920
 INSTRUMENT NO. SLSR703

RECORDER CAPACITY: 10000 PSI PORT OPENING: OUTSIDE DEPTH: 5729 FT

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
1	4:36:03	25-JUL	HYDROSTATIC MUD	664.55	3040.29	130.50
2	4:45:39	25-JUL	FLOW POINT	674.15	1963.91	130.77
3	4:50:19	25-JUL	START FLOW	678.82	315.16	130.73
4	5:00:19	25-JUL	END FLOW & START SHUT-IN	688.82	378.77	130.23
5	6:02:27	25-JUL	END SHUT-IN	750.95	820.12	133.02
6	6:03:15	25-JUL	FLOW POINT	751.75	539.00	133.02
7	6:08:51	25-JUL	START FLOW	757.35	273.26	133.02
8	7:03:23	25-JUL	END FLOW & START SHUT-IN	811.88	358.27	133.20
9	11:09:07	25-JUL	END SHUT-IN	1057.62	600.42	135.03
10	11:16:43	25-JUL	HYDROSTATIC MUD	1065.22	3026.33	135.52

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	678.82	688.82	10.00	315.16	378.77	315.16
2	757.35	811.88	54.53	273.26	358.27	273.26

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	688.82	750.95	62.13	378.77	820.12	378.77	10.00
2	811.88	1057.62	245.74	358.27	600.42	358.27	64.53

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED	DELTA	BOT HOLE TEMP.	BOT HOLE PRESSURE
HH:MM:SS	DD-MMM	TIME, MIN	TIME, MIN	DEG F	PSIA
4:50:19	25-JUL	678.82	0.00	130.73	315.16
5:00:19	25-JUL	688.82	10.00	130.23	378.77

TEST PHASE: SHUTIN PERIOD # 1 FINAL FLOW PRESSURE = 378.77 PSIA
PRODUCING TIME = 10.00 MIN

TIME OF DAY	DATE	ELAPSED	DELTA	BOT HOLE TEMP.	BOT HOLE PRESSURE	DELTA P	LOG HORNER
HH:MM:SS	DD-MMM	TIME, MIN	TIME, MIN	DEG F	PSIA	PSI	TIME
5:00:19	25-JUL	688.82	0.00	130.23	378.77	0.00	
5:01:23	25-JUL	689.88	1.06	130.19	437.28	58.51	1.0185
5:02:27	25-JUL	690.95	2.13	130.19	486.03	107.26	0.7555
5:03:39	25-JUL	692.15	3.33	130.21	532.28	153.51	0.6024
5:04:51	25-JUL	693.35	4.53	130.23	572.22	193.45	0.5062
5:06:11	25-JUL	694.68	5.86	130.30	609.95	231.18	0.4324
5:07:15	25-JUL	695.75	6.93	130.35	635.98	257.21	0.3879
5:08:19	25-JUL	696.82	8.00	130.41	658.07	279.30	0.3522
5:09:47	25-JUL	698.28	9.46	130.51	682.87	304.10	0.3133
5:11:07	25-JUL	699.62	10.80	130.62	699.49	320.72	0.2846
5:13:07	25-JUL	701.62	12.80	130.78	715.22	336.45	0.2507
5:15:55	25-JUL	704.42	15.60	131.02	728.96	350.19	0.2151
5:18:35	25-JUL	707.08	18.26	131.25	738.12	359.35	0.1897
5:20:43	25-JUL	709.22	20.40	131.43	744.31	365.54	0.1732
5:23:31	25-JUL	712.02	23.20	131.63	751.39	372.62	0.1557
5:27:31	25-JUL	716.02	27.20	131.90	760.55	381.78	0.1360
5:31:55	25-JUL	720.42	31.60	132.13	769.98	391.21	0.1194
5:41:39	25-JUL	730.15	41.33	132.51	787.91	409.14	0.0941
5:51:47	25-JUL	740.28	51.46	132.80	804.04	425.27	0.0771
5:58:03	25-JUL	746.55	57.73	132.93	813.49	434.72	0.0694
6:02:27	25-JUL	750.95	62.13	133.02	820.12	441.35	0.0648

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED	DELTA	BOT HOLE TEMP.	BOT HOLE PRESSURE
HH:MM:SS	DD-MMM	TIME, MIN	TIME, MIN	DEG F	PSIA
6:08:51	25-JUL	757.35	0.00	133.02	273.26
6:23:55	25-JUL	772.42	15.07	132.80	349.68
6:39:15	25-JUL	787.75	30.40	132.94	359.78
6:54:19	25-JUL	802.82	45.47	133.11	379.51
7:03:23	25-JUL	811.88	54.53	133.20	358.27

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 358.27 PSIA
PRODUCING TIME = 64.53 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
7:03:23	25-JUL	811.88	0.00	133.20	358.27	0.00	
7:05:23	25-JUL	813.88	2.00	133.21	361.32	3.05	1.5220
7:08:51	25-JUL	817.35	5.47	133.27	366.55	8.28	1.1071
7:13:39	25-JUL	822.15	10.27	133.34	373.33	15.06	0.8623
7:18:03	25-JUL	826.55	14.67	133.41	379.09	20.82	0.7323
7:21:07	25-JUL	829.62	17.74	133.45	383.11	24.84	0.6663
7:24:03	25-JUL	832.55	20.67	133.48	386.92	28.65	0.6151
7:28:51	25-JUL	837.35	25.47	133.54	392.93	34.66	0.5482
7:37:23	25-JUL	845.88	34.00	133.61	403.37	45.10	0.4621
7:50:11	25-JUL	858.68	46.80	133.74	417.90	59.63	0.3764
7:59:39	25-JUL	868.15	56.27	133.83	428.54	70.27	0.3318
8:06:43	25-JUL	875.22	63.34	133.88	436.24	77.97	0.3051
8:15:31	25-JUL	884.02	72.14	133.95	445.43	87.16	0.2775
8:22:51	25-JUL	891.35	79.47	134.01	453.04	94.77	0.2582
8:28:43	25-JUL	897.22	85.34	134.06	459.05	100.78	0.2446
8:35:23	25-JUL	903.88	92.00	134.11	465.78	107.51	0.2308
8:41:55	25-JUL	910.42	98.54	134.17	472.36	114.09	0.2188
8:49:31	25-JUL	918.02	106.14	134.22	479.88	121.61	0.2063
8:57:23	25-JUL	925.88	114.00	134.28	487.61	129.34	0.1948
9:03:47	25-JUL	932.28	120.40	134.33	493.80	135.53	0.1864
9:09:23	25-JUL	937.88	126.00	134.37	499.09	140.82	0.1796
9:16:59	25-JUL	945.48	133.60	134.42	506.27	148.00	0.1711
9:23:39	25-JUL	952.15	140.27	134.47	512.57	154.30	0.1644
9:29:15	25-JUL	957.75	145.87	134.51	517.69	159.42	0.1591
9:34:43	25-JUL	963.22	151.34	134.55	522.58	164.31	0.1542
9:39:47	25-JUL	968.28	156.40	134.58	526.92	168.65	0.1500
9:45:15	25-JUL	973.75	161.87	134.62	531.60	173.33	0.1457
9:53:47	25-JUL	982.28	170.40	134.65	538.76	180.49	0.1395
10:00:19	25-JUL	988.82	176.94	134.71	544.20	185.93	0.1350
10:08:03	25-JUL	996.55	184.67	134.74	550.58	192.31	0.1302
10:26:11	25-JUL	1014.68	202.80	134.83	565.34	207.07	0.1200
10:41:47	25-JUL	1030.28	218.40	134.91	578.02	219.75	0.1124
10:59:23	25-JUL	1047.88	236.00	135.00	591.94	233.67	0.1050
11:09:07	25-JUL	1057.62	245.74	135.03	600.42	242.15	0.1013

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 8992920

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR704

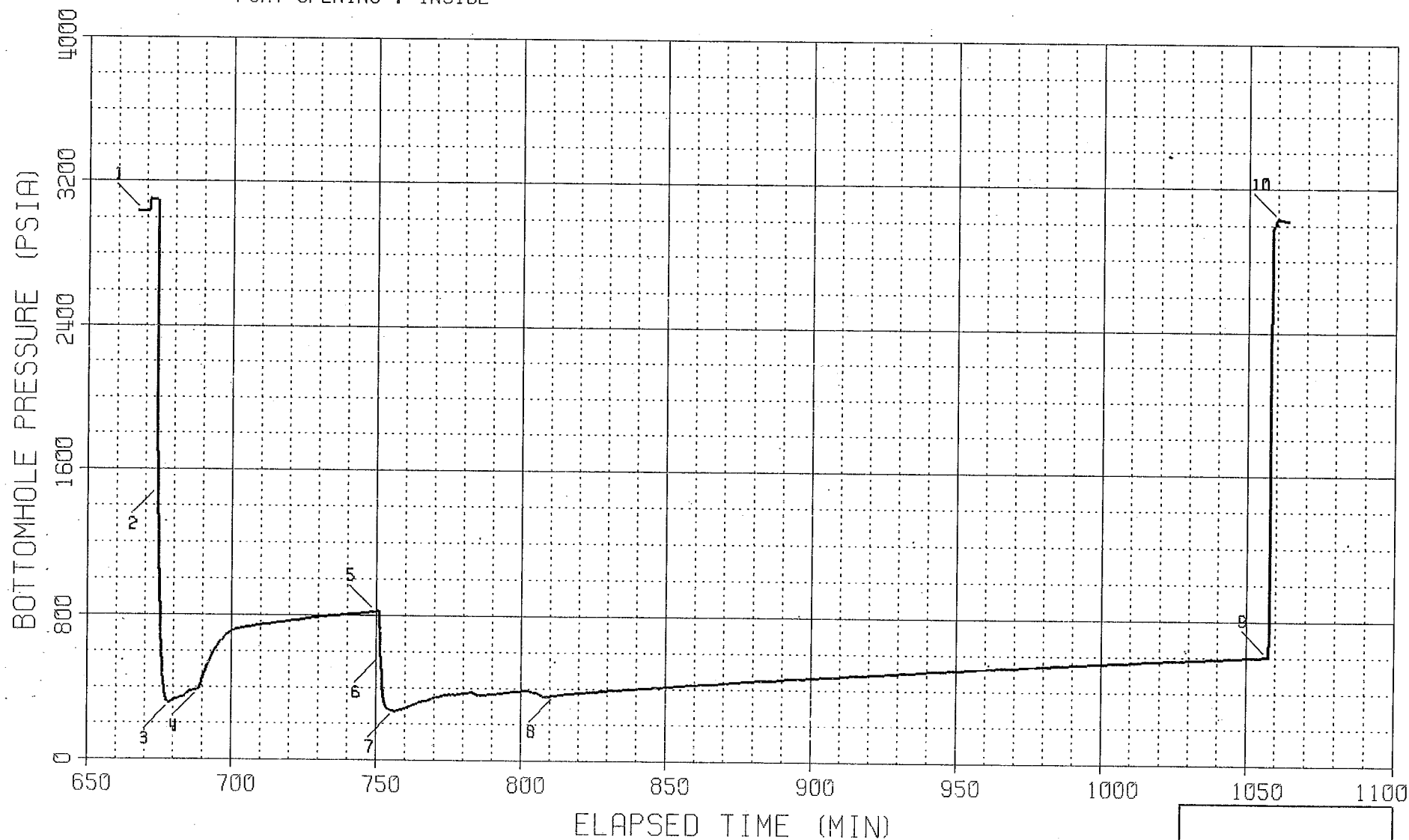
WELL : MONTEZUMA 41-17-74

DEPTH : 5735 FT

CAPACITY : 10000 PSI

Electronic Pressure Data

PORT OPENING : INSIDE



Schlumberger

BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 8992920

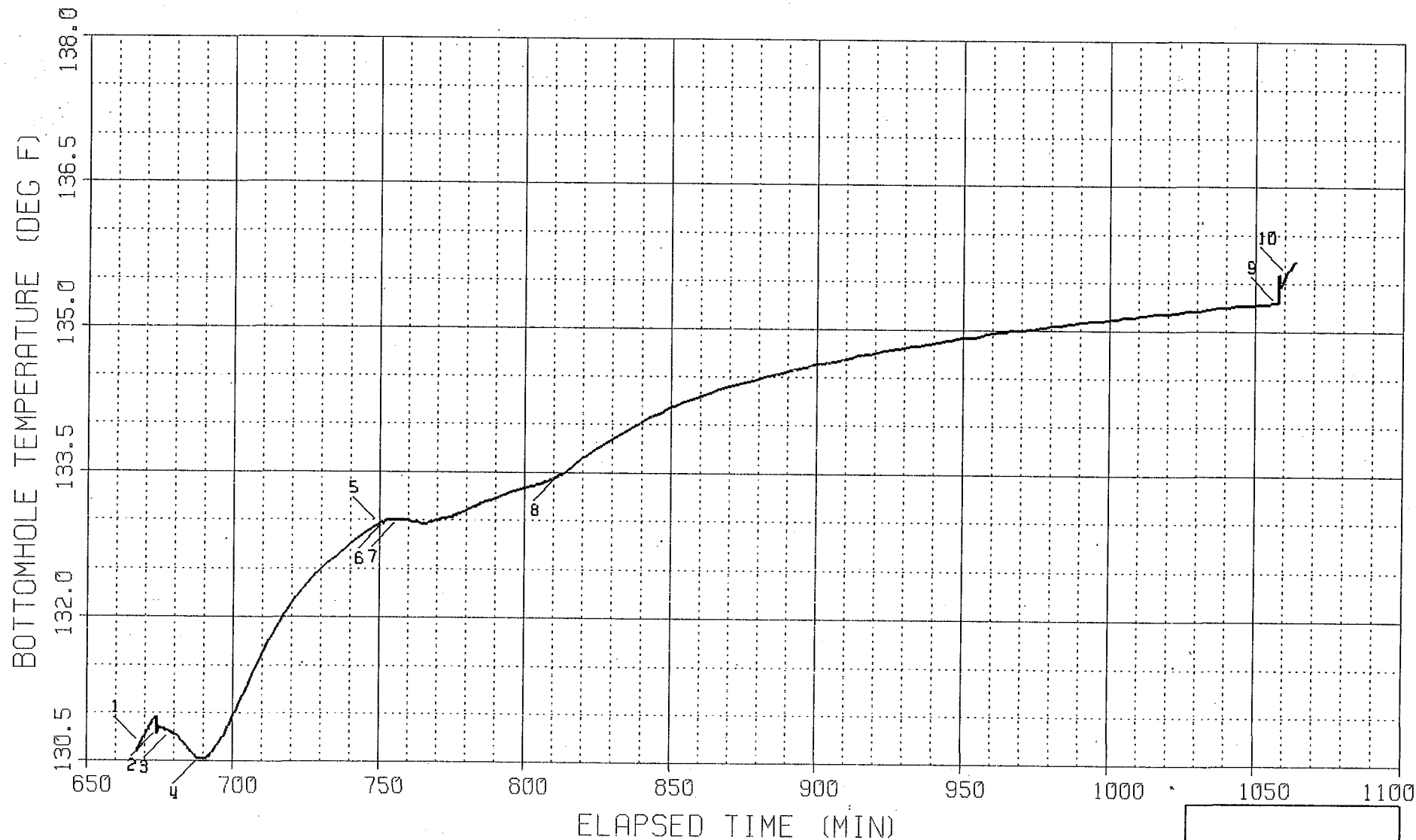
COMPANY : SAMEKAN OIL CORPORATION

INSTRUMENT NO. SLSR704

WELL : MONTEZUMA 41-17-74

DEPTH : 5735 FT

Electronic Temperature Data



Schlumberger

LOG LOG PLOT

COMPANY : SAMEDAN OIL CORPORATION

WELL : MONTEZUMA 41-17-74

FIELD REPORT NO. 8992920

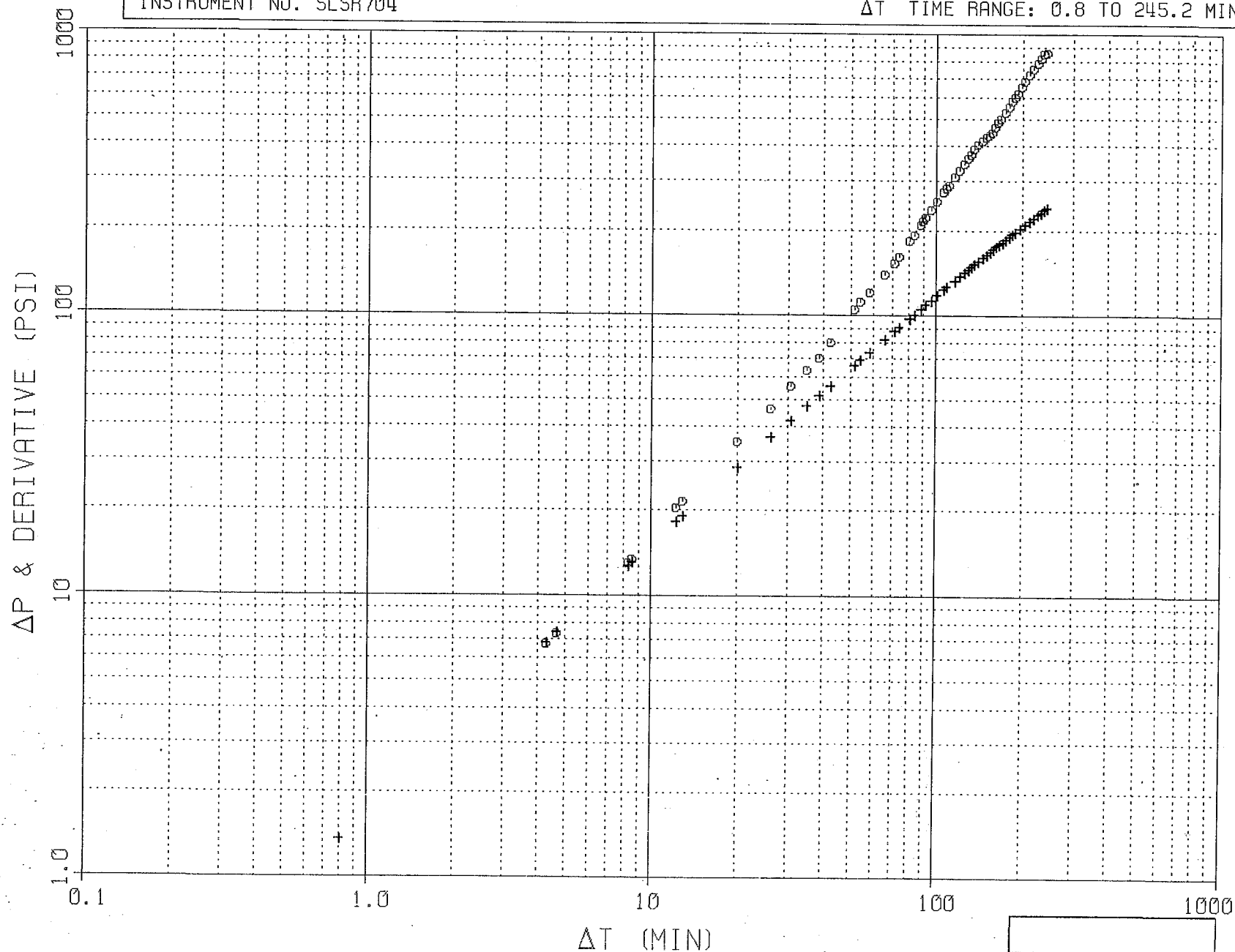
INSTRUMENT NO. SLSR704

SHUTIN #2 : PRODUCING TIME (T_p): 66.1 MIN

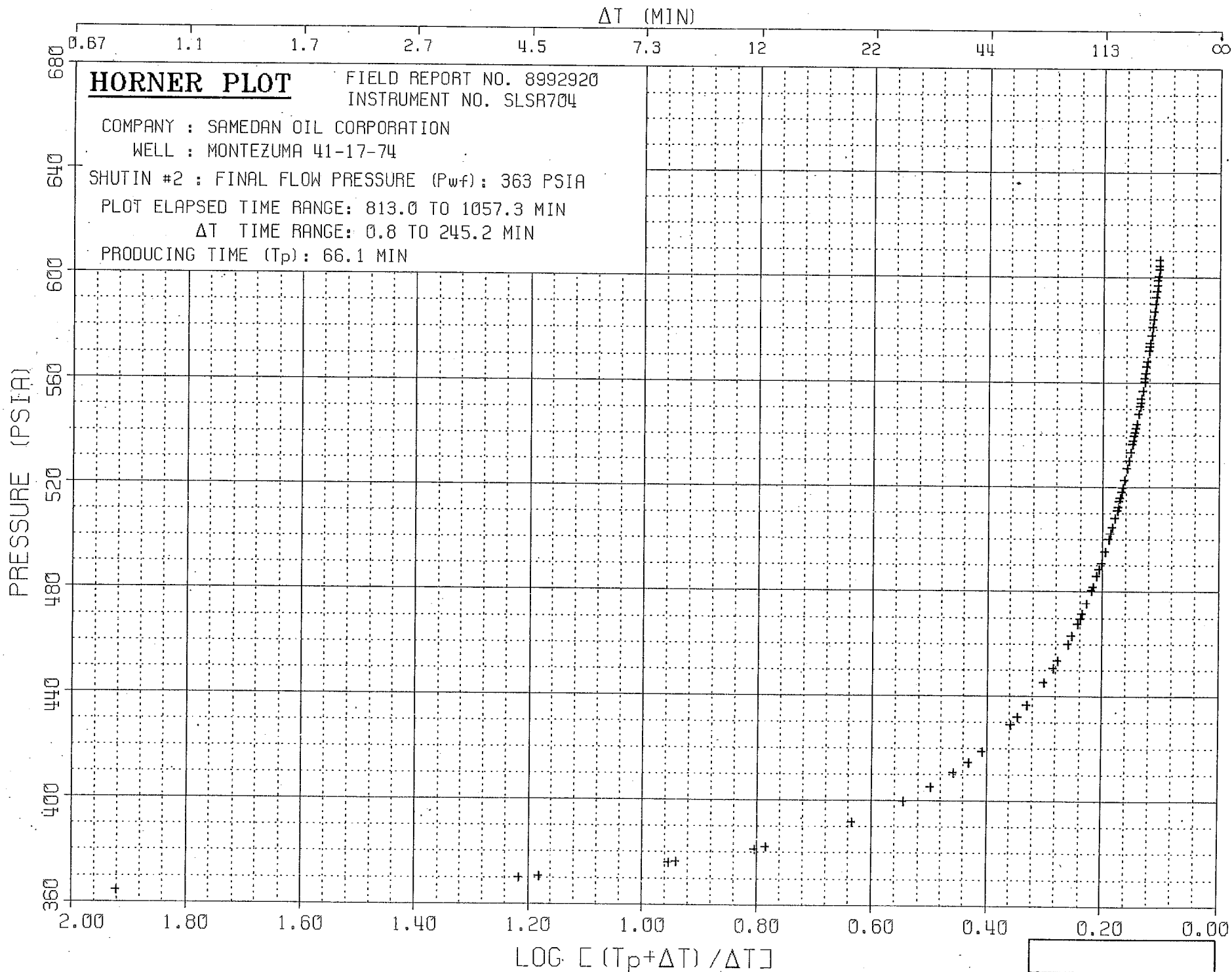
FINAL FLOW PRESSURE (P_{wf}): 363 PSIA

PLOT ELAPSED TIME RANGE: 813.0 TO 1057.3 MIN

ΔT TIME RANGE: 0.8 TO 245.2 MIN



Schlumberger



PRESSURE (PSIA)

ΔT (MIN)

HORNER PLOT

FIELD REPORT NO. 8992920

INSTRUMENT NO. SLSR704

COMPANY : SAMEDAN OIL CORPORATION

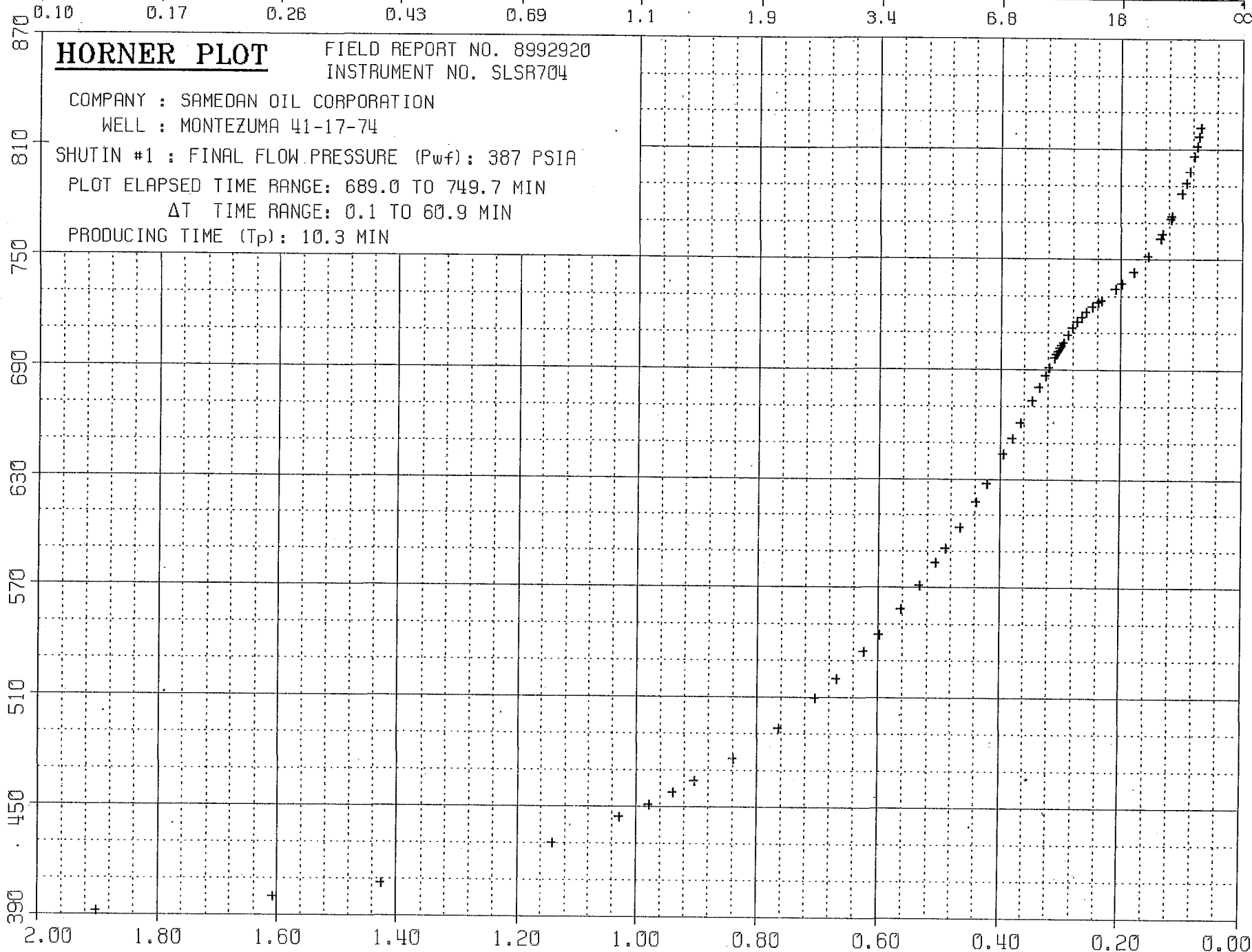
WELL : MONTEZUMA 41-17-74

SHUTIN #1 : FINAL FLOW PRESSURE (P_{wf}): 387 PSIA

PLOT ELAPSED TIME RANGE: 689.0 TO 749.7 MIN

ΔT TIME RANGE: 0.1 TO 60.9 MIN

PRODUCING TIME (T_p): 10.3 MIN



$\text{LOG} [(T_p + \Delta T) / \Delta T]$

Schlumberger

 ** WELL TEST DATA PRINTOUT **

COMPANY: SAMEKAN OIL CORPORATION
 WELL: MONTEZUMA 41-17-74

FIELD REPORT NO. 8992920
 INSTRUMENT NO. SLSR704

RECORDER CAPACITY: 10000 PSI PORT OPENING: INSIDE DEPTH: 5735 FT

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
1	4:39:55	25-JUL	HYDROSTATIC MUD	668.42	3036.06	130.68
2	4:45:55	25-JUL	FLOW POINT	674.42	1495.90	130.82
3	4:50:03	25-JUL	START FLOW	678.55	313.90	130.80
4	5:00:19	25-JUL	END FLOW & START SHUT-IN	688.82	387.04	130.53
5	6:01:15	25-JUL	END SHUT-IN	749.75	822.31	132.96
6	6:03:07	25-JUL	FLOW POINT	751.62	574.40	132.98
7	6:07:47	25-JUL	START FLOW	756.28	272.52	133.00
8	7:03:39	25-JUL	END FLOW & START SHUT-IN	812.15	363.14	133.48
9	11:08:51	25-JUL	END SHUT-IN	1057.35	606.52	135.30
10	11:12:19	25-JUL	HYDROSTATIC MUD	1060.82	3030.70	135.61

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	678.55	688.82	10.27	313.90	387.04	313.90
2	756.28	812.15	55.87	272.52	363.14	272.52

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	688.82	749.75	60.93	387.04	822.31	387.04	10.27
2	812.15	1057.35	245.20	363.14	606.52	363.14	66.14

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED	DELTA	BOT HOLE TEMP.	BOT HOLE PRESSURE
HH:MM:SS	DD-MMM	TIME, MIN	TIME, MIN	DEG F	PSIA
4:50:03	25-JUL	678.55	0.00	130.80	313.90
5:00:19	25-JUL	688.82	10.27	130.53	387.04

TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 387.04 PSIA
PRODUCING TIME = 10.27 MIN

TIME OF DAY	DATE	ELAPSED	DELTA	BOT HOLE TEMP.	BOT HOLE PRESSURE	DELTA P	LOG HORNER
HH:MM:SS	DD-MMM	TIME, MIN	TIME, MIN	DEG F	PSIA	PSI	TIME
5:00:19	25-JUL	688.82	0.00	130.53	387.04	0.00	
5:01:23	25-JUL	689.88	1.06	130.53	444.11	57.07	1.0289
5:02:27	25-JUL	690.95	2.13	130.53	493.22	106.18	0.7650
5:03:31	25-JUL	692.02	3.20	130.55	534.82	147.78	0.6242
5:04:35	25-JUL	693.08	4.26	130.60	571.11	184.07	0.5329
5:05:39	25-JUL	694.15	5.33	130.64	603.03	215.99	0.4664
5:07:15	25-JUL	695.75	6.93	130.71	643.48	256.44	0.3948
5:08:43	25-JUL	697.22	8.40	130.78	673.03	285.99	0.3469
5:09:47	25-JUL	698.28	9.46	130.86	690.56	303.52	0.3192
5:10:51	25-JUL	699.35	10.53	130.93	704.43	317.39	0.2956
5:12:59	25-JUL	701.48	12.66	131.05	721.37	334.33	0.2580
5:16:51	25-JUL	705.35	16.53	131.32	733.78	346.74	0.2099
5:20:19	25-JUL	708.82	20.00	131.54	743.03	355.99	0.1800
5:23:55	25-JUL	712.42	23.60	131.77	751.62	364.58	0.1569
5:28:19	25-JUL	716.82	28.00	131.99	761.44	374.40	0.1357
5:33:07	25-JUL	721.62	32.80	132.21	771.80	384.76	0.1183
5:40:03	25-JUL	728.55	39.73	132.46	785.76	398.72	0.0999
5:46:27	25-JUL	734.95	46.13	132.62	797.62	410.58	0.0873
5:51:39	25-JUL	740.15	51.33	132.76	806.62	419.58	0.0792
5:57:39	25-JUL	746.15	57.33	132.89	816.57	429.53	0.0716
6:01:15	25-JUL	749.75	60.93	132.96	822.31	435.27	0.0676

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED	DELTA	BOT HOLE TEMP.	BOT HOLE PRESSURE
HH:MM:SS	DD-MMM	TIME, MIN	TIME, MIN	DEG F	PSIA
6:07:47	25-JUL	756.28	0.00	133.00	272.52
6:22:51	25-JUL	771.35	15.07	133.02	350.16
6:38:19	25-JUL	786.82	30.54	133.20	359.67
6:53:47	25-JUL	802.28	46.00	133.36	385.48
7:03:39	25-JUL	812.15	55.87	133.48	363.14

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 363.14 PSIA
PRODUCING TIME = 66.14 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
7:03:39	25-JUL	812.15	0.00	133.48	363.14	0.00	
7:07:55	25-JUL	816.42	4.27	133.56	369.95	6.81	1.2172
7:11:55	25-JUL	820.42	8.27	133.66	375.80	12.66	0.9541
7:15:55	25-JUL	824.42	12.27	133.74	381.23	18.09	0.8055
7:23:39	25-JUL	832.15	20.00	133.88	391.56	28.42	0.6342
7:29:55	25-JUL	838.42	26.27	133.99	399.64	36.50	0.5463
7:34:27	25-JUL	842.95	30.80	134.08	405.17	42.03	0.4980
7:42:27	25-JUL	850.95	38.80	134.19	414.69	51.55	0.4321
7:54:59	25-JUL	863.48	51.33	134.33	428.96	65.82	0.3596
8:01:39	25-JUL	870.15	58.00	134.40	436.47	73.33	0.3305
8:09:31	25-JUL	878.02	65.87	134.46	444.95	81.81	0.3019
8:14:51	25-JUL	883.35	71.20	134.51	450.52	87.38	0.2853
8:24:03	25-JUL	892.55	80.40	134.58	460.01	96.87	0.2607
8:31:39	25-JUL	900.15	88.00	134.64	467.74	104.60	0.2434
8:39:15	25-JUL	907.75	95.60	134.67	475.47	112.33	0.2284
8:44:19	25-JUL	912.82	100.67	134.71	480.54	117.40	0.2193
8:49:39	25-JUL	918.15	106.00	134.74	485.83	122.69	0.2106
8:54:43	25-JUL	923.22	111.07	134.78	490.80	127.66	0.2029
9:04:11	25-JUL	932.68	120.53	134.83	499.96	136.82	0.1900
9:09:47	25-JUL	938.28	126.13	134.85	505.29	142.15	0.1831
9:15:55	25-JUL	944.42	132.27	134.89	511.09	147.95	0.1761
9:21:07	25-JUL	949.62	137.47	134.92	515.97	152.83	0.1706
9:28:19	25-JUL	956.82	144.67	134.94	522.64	159.50	0.1635
9:33:23	25-JUL	961.88	149.73	134.98	527.10	163.96	0.1589
9:40:27	25-JUL	968.95	156.80	135.00	533.19	170.05	0.1528
9:45:39	25-JUL	974.15	162.00	135.01	537.59	174.45	0.1487
9:51:39	25-JUL	980.15	168.00	135.05	542.66	179.52	0.1442
9:58:11	25-JUL	986.68	174.53	135.07	548.14	185.00	0.1396
10:05:07	25-JUL	993.62	181.47	135.10	553.88	190.74	0.1350
10:22:11	25-JUL	1010.68	198.53	135.16	567.91	204.77	0.1249
10:38:27	25-JUL	1026.95	214.80	135.21	581.17	218.03	0.1166
10:55:07	25-JUL	1043.62	231.47	135.27	594.45	231.31	0.1092
11:08:51	25-JUL	1057.35	245.20	135.30	606.52	243.38	0.1037

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 8992920

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR1231

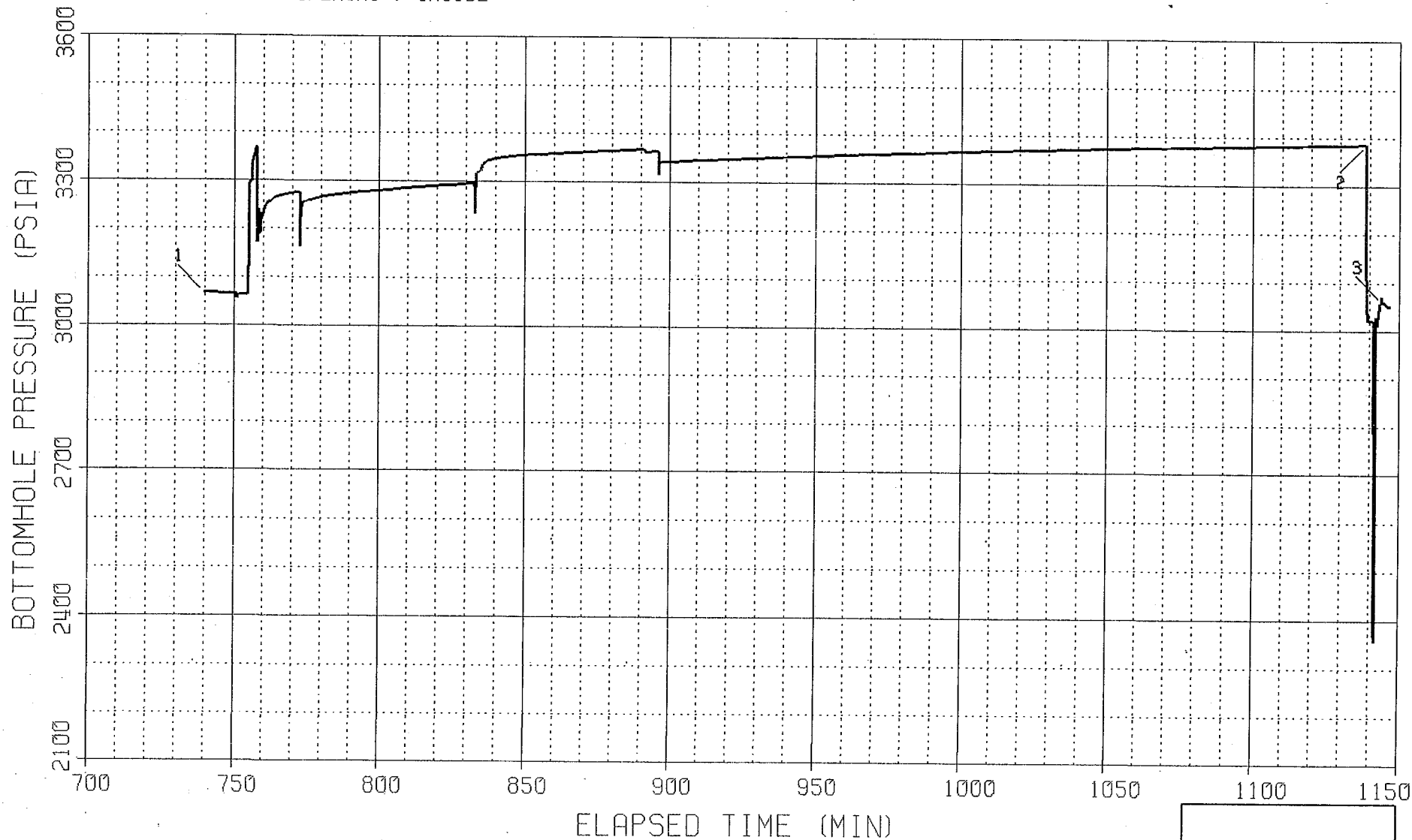
WELL : MONTEZUMA 41-17-74

DEPTH : 5787 FT

CAPACITY : 10000 PSI

Electronic Pressure Data

PORT OPENING : INSIDE



012
Schlumberger

FIELD REPORT

TYPE OF SERVICE
ON BTM STRADDLEDATE
28-JUL-2002DISTRICT
HOBBBSPage
1 of 2

WELL OWNER: SAMEDAN OIL CORPORATION

SERVICE ORDER NUMBER: 9111973

REPORTS ADDRESS: 12600 NORTHBOROUGH / SUITE 250 / HOUSTON, TX 77067 ATTN:LYNN HITT/SCOTT STEINKE

WELL NAME & NO.: MONTEZUMA 41-17-74

FIELD: UNETH

LEASE:

LOCATION: 17/37s/24e

43-032-31965

COUNTY: SAN JUAN

STATE: UTAH

TEST NO. TWO

TEST INTERVAL FROM 5915 FT TO 5965 FT = 50 FT

SURFACE DATA

EQUIPMENT SEQUENCE

DESCRIPTION	DATE	TIME OF DAY	PRESSURE	COMPONENTS	OD	ID	LENGTH	DEPTH
OPEN TO 1/8" BUBBLE HOSE	27-JUL			SURFACE FLOWHEAD				
HYDROSTATIC MUD		19:26		DRILL PIPE 16.6#	4.50	3.82	4429.	4429
SET PACKERS		19:28		DRILL PIPE 20 #	4.50	3.64	930.8	5360
START FLOW		19:30	2.00"	DRILL COLLARS-11	6.25	2.25	335.2	5695
BOTTOM OF BUCKET 50 SEC				PUMPOUT DISK REVERSING VALVE	6.00	3.00	1.230	5696
MEASURED IN OUNCES		19:31	6 oz.	DRILL COLLARS-3	6.25	2.25	90.00	5786
		19:32	7 oz.	BREAKOFF PIN REVERSING VALVE	6.00	3.00	1.480	5788
5 MIN		19:35	7.5oz	DRILL COLLARS-3	6.25	2.25	90.00	5878
10 MIN		19:40	8 oz.	CROSS OVER SUB	6.25	2.25	1.260	5879
END FLOW & START SHUT-IN		19:45	8 oz.	MFE (MFEV-B)	5.00	0.94	10.02	5889
OPEN TO 3/4" CHOKE ONLY		19:47		MFE OH BYPASS (MBYP-B)	5.00	1.18	2.980	5892
OPEN TO BUBBLE HOSE ONLY		21:12		DC HYDRAULIC JARS	4.75	1.88	7.310	5899
END SHUT-IN		21:15		SAFETY JOINT (SAJ-BA)	4.75	1.50	2.440	5902
START FLOW		21:18	0.50"	BOB TAIL PACKER	7.25	1.50	6.120	5908
MEASURED IN INCHES OF H2O		21:19	2.50"	BOB TAIL PACKER	7.25	1.50	7.160	5915
PRESSURE IS DROPPING		21:22	2.25"	PERFORATED ANCHOR	4.75	2.25	6.960	5922
5 MIN		21:23	2.00"	DUAL IN/OUT GAUGE HANGER	4.75	1.00	0.760	5923
10 MIN		21:28	1.75"	CROSS OVER SUB	5.75	2.32	1.060	5924
15 MIN		21:33	1.75"	DRILL COLLAR-1	6.25	2.25	28.59	5952
20 MIN		21:38	1.62"	CROSS OVER SUB	5.94	2.37	1.160	5954
30 MIN		21:48	1.50"	PERFORATED ANCHOR	4.75	2.25	5.000	5959
40 MIN		21:58	1.37"	OUTSIDE RECORDER CARRIER	4.88	2.50	5.820	5964
50 MIN		22:08	1.25"	BULLNOSE	4.75	0.00	0.650	5965
60 MIN		22:18	1.00"					
70 MIN		22:28	0.75"					
80 MIN		22:38	0.50"					
END FLOW & START SHUT-IN		22:48	0.25"					
OPEN TO 3/4" CHOKE ONLY		22:52						
END SHUT-IN		04:48						
PULLED PACKERS LOOSE		04:51						
HYDROSTATIC MUD		04:53						
PULLED TO FLUID								

RECEIVED

AUG 08 2002

DIVISION OF
OIL, GAS AND MINING

RECOVERY DESCRIPTION	FEET	BBLs	OIL GRAVITY	RESISTIVITY	CHLORIDES
GAS VAPORS	270				
DRILLING MUD					
WITH TRACES					
OF GAS	50			0.710 OHMS 60 °F	6000 PPM

SERVICE ORDER NUMBER:

9111973

SCHLUMBERGER ENGINEER/TECHNICIAN

BILL GRAYSHAW

FIELD REPORT

TYPE OF SERVICE
ON BTM STRADDLEDATE
28-JUL-2002DISTRICT
HOBBESPage
2 of 2

INSTRUMENT DATA

MUD DATA

INSTRUMENT NO.	SLSR-703	SLSR-704	J-1237			MUD TYPE	F/W GEL-PAC	MUD WT	9.9	#/gal
CAPACITY (PSIG)	10000	10000	9000			VISCOSITY	42	WATER LOSS	8.8	CC
DEPTH	5922	5928	5964			RESISTIVITY: OF MUD	@	°F		
INSIDE-OUTSIDE	OUT	IN	OUT			RESISTIVITY: OF FILTRATE	0.757 @ 60	°F		
CLOCK CAP	ELECTRONIC	ELECTRONIC	48 HOURS			CHLORIDES	5600	PPM		
TEMPERATURE °F	138	137				H2S DURING TEST	0	PPM		
I. HYD. PSIG	3100	3098	TELLS THE			WELL BORE DATA				
I. FLOW PSIG	46-49	39-45	SAME STORY			FORMATION TESTED	UPPER ISMAY			
I.S.I. PSIG	77	72				NET PRODUCTIVE INTERVAL	20	ft	EST. POROSITY	4 %
2nd FLOW PSIG						ELEVATION	4733	ft	DEPTH MEASURED FROM KB	
2nd S.I. PSIG						TOTAL MEASURED DEPTH		5965		ft
F. FLOW PSIG	39-44	35-41				O H SIZE	7.875	in		
F.S.I. PSIG	75	75				CASING SIZE	8.62 @ 1983'			
F. HYD. PSIG	3055	3035				LINER SIZE				
						PERF INTERVAL FROM		ft	TO	ft
						SHOT DENSITY				

CUSHION

LENGTH

AMOUNT

SURFACE PRESS

BOTTOM CHOKE SIZE

NONE

0.94

SAMPLER DATA

RECOVERY			RESISTIVITY			CHLORIDES	
GAS	0.17	C.F.	RECOVERED WATER	@	deg F	PPM	
OIL	0	C.C.	RECOVERED MUD	@	deg F		
WATER	0	C.C.	REC.MUD FILTRATE	@	deg F	PPM	
MUD	50	C.C.	PIT MUD	@	deg F		
GRAVITY	°API	°F	PIT MUD FILTRATE	@	deg F	PPM	
GOR	C.F./BBL		SAMPLER PRESSURE	26	psig		

REMARKS:

We had a successful test. There was 270 feet of faint gas vapors above the fluid. The total fluid recovery was only 0.25 bbl. of drilling mud with slight traces of gas trapped within. Thank you for using Schlumberger.

SERVICE ORDER NUMBER:

9111973

SCHLUMBERGER ENGINEER/TECHNICIAN

BILL GRAYSHAW

REPORT NO.
9111973

PAGE NO. 1

TEST DATE:
28-JUL-2002

STAR

Schlumberger Testing Data Report Pressure Data Report

Schlumberger

COMPANY: SAMEDAN OIL CORPORATION

WELL: MONTEZUMA 41-17-74

TEST IDENTIFICATION

Test Type ON BTM STRADDLE
Test No. TWO
Formation UPPER ISMAY
Test Interval (ft) 5915 to 5965
Depth Reference KB

WELL LOCATION

Field UNETH
County SAN JUAN
State UTAH
Sec/Twn/Rng 17/37s/24e
Elevation (ft) 4733

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 5965
Hole Size (in) 7.875
Casing/Liner I.D. (in) 8.62 @ 1983'
Perf'd Interval/Net Pay (ft) .. / 20
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type F/W GEL-PAC
Mud Weight (lb/gal) 9.9
Mud Resistivity (ohm.m)
Filtrate Resistivity (ohm.m) .. 0.757 @ 60F
Filtrate Chlorides (ppm) 5600

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 3100.44
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 5360 / 3.64
Collar Length (ft)/I.D. (in) .. 544 / 2.25
Packer Depths (ft) 5908, 5915,
Bottomhole Choke Size (in) ... 0.94
Gauge Depth (ft)/Type 5922/SLSR-703

NET PIPE RECOVERY

Volume	Fluid Type	Properties
270 ft	GAS VAPORS	
	DRILLING MUD	
	WITH TRACES	
50 ft	OF GAS	Rw 0.71 @ 60F 6000 ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
0.17 cuft	Gas	
0 cc	Oil	
0 cc	Water	
50 cc	Mud	
Pressure: 26		GOR: 0 GLR: 540

INTERPRETATION RESULTS

Model of Behavior
Fluid Type Used for Analysis ..
Reservoir Pressure (psi)
Transmissibility (md.ft/cp) ..
Effective Permeability (md) ..
Skin Factor/Damage Ratio
Storativity Ratio, Omega
Interporos. Flow Coef., Lambda ..
Distance to an Anomaly (ft) ..
Radius of Investigation (ft) ..
Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API)
Basic Solids (%)
Gas Gravity
GOR (scf/STB)
Water Cut (%)
Viscosity (cp)
Total Compressibility (1/psi) ..
Porosity (%) 4
Reservoir Temperature (F) 138
Form. Vol. Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

We had a successful test. There was 270 feet of faint gas vapors above the fluid. The total fluid recovery was only 0.25 bbl. of drilling mud with slight traces of gas trapped within. Thank you for using Schlumberger.

WELL TEST INTERPRETATION REPORT #:9111973		PAGE: 2,
CLIENT : SAMEDAN OIL CORPORATION		3-AUG-88
REGION :CSD	SEQUENCE OF EVENTS	FIELD:UNETH
DISTRICT:HOBBS		ZONE :UPPER ISMAY
BASE :MIDLAND		WELL :MONTZMA 41-17
ENGINEER:BILL GRAYSHAW		LOCATION:17/37s/24e

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
27-JUL		OPEN TO 1/8" BUBBLE HOSE			
	19:26	HYDROSTATIC MUD	-4	3100	
	19:28	SET PACKERS	-2		
	19:30	START FLOW	0	47	2.00"
		BOTTOM OF BUCKET 50 SEC			
	19:31	MEASURED IN OUNCES	1		6 oz.
	19:32		2		7 oz.
	19:35	5 MIN	5		7.5oz
	19:40	10 MIN	10		8 oz.
	19:45	END FLOW & START SHUT-IN	15	49	8 oz.
	19:47	OPEN TO 3/4" CHOKE ONLY	17		
	21:12	OPEN TO BUBBLE HOSE ONLY	102		
	21:15	END SHUT-IN	105	77	
	21:18	START FLOW	108	40	0.50"
	21:19	MEASURED IN INCHES OF H2O	109		2.50"
	21:22	PRESSURE IS DROPPING	112		2.25"
	21:23	5 MIN	113		2.00"
	21:28	10 MIN	118		1.75"
	21:33	15 MIN	123		1.75"
	21:38	20 MIN	128		1.62"
	21:48	30 MIN	138		1.50"
	21:58	40 MIN	148		1.37"
	22:08	50 MIN	158		1.25"
	22:18	60 MIN	168		1.00"
	22:28	70 MIN	178		0.75"
	22:38	80 MIN	188		0.50"
	22:48	END FLOW & START SHUT-IN	198	45	0.25"
	22:52	OPEN TO 3/4" CHOKE ONLY	202		
	04:48	END SHUT-IN	-882	75	
	04:51	PULLED PACKERS LOOSE	-879		
	04:53	HYDROSTATIC MUD	-877	3056	

Continued next page

WELL TEST INTERPRETATION REPORT #:9111973		PAGE: 3,
CLIENT : SAMEDAN OIL CORPORATION		3-AUG-**
REGION :CSD	SEQUENCE OF EVENTS Continued	FIELD:UNETH
DISTRICT:HOBBS		ZONE :UPPER ISMAY
BASE :MIDLAND		WELL :MONTZMA 41-17
ENGINEER:BILL GRAYSHAW		LOCATION:17/37s/24e

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
=====					

PULLED TO FLUID

WELL TEST INTERPRETATION REPORT #:9111973		PAGE: 12,
CLIENT : SAMEDAN OIL CORPORATION		3-AUG-**
REGION :CSD	DISTRIBUTION OF REPORTS	FIELD:UNETH
DISTRICT:HOBBS		ZONE :UPPER ISMAY
BASE :MIDLAND		WELL :MONTZMA 41-17
ENGINEER:BILL GRAYSHAW		LOCATION:17/37s/24e

SCHLUMBERGER has sent copies of this report to the following:

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 HOUSTON, TX 77067
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 (6 copies)

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 1401 SEVENTEENTH STREET
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 DENVER, CO 80202
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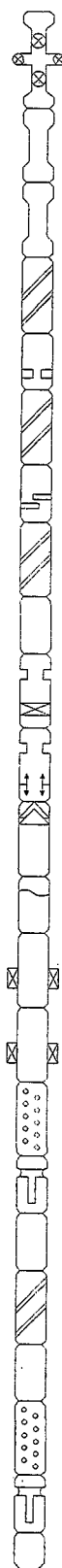
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 MOAB, UT 84532
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SAMEDAN OIL CORPORATION
MONTEZUMA 41-17-74
TOOL STRING SCHEMATIC

	TOOL DESCRIPTION	OD	ID	LENGTH	DEPTH
	SURFACE FLOWHEAD				0
	DRILL PIPE 16.6#	4.50	3.82	4429.	4429
	DRILL PIPE 20 #	4.50	3.64	930.8	5359.8
	DRILL COLLARS-11	6.25	2.25	335.2	5695
	PUMPOUT DISK REVERSING VALVE	6.00	3.00	1.230	5696.23
	DRILL COLLARS-3	6.25	2.25	90.00	5786.23
	BREAKOFF PIN REVERSING VALVE	6.00	3.00	1.480	5787.71
	DRILL COLLARS-3	6.25	2.25	90.00	5877.71
	CROSS OVER SUB	6.25	2.25	1.260	5878.97
	MFE (MFEV-B)	5.00	0.94	10.02	5888.99
	MFE OH BYPASS (MBYP-B)	5.00	1.18	2.980	5891.97
	DC HYDRAULIC JARS	4.75	1.88	7.310	5899.28
	SAFETY JOINT (SAJ-BA)	4.75	1.50	2.440	5901.72
	BOB TAIL PACKER	7.25	1.50	6.120	5907.84
	BOB TAIL PACKER	7.25	1.50	7.160	5915
	PERFORATED ANCHOR	4.75	2.25	6.960	5921.96
	DUAL IN/OUT GAUGE HANGER	4.75	1.00	0.760	5922.72
	CROSS OVER SUB	5.75	2.32	1.060	5923.78
	DRILL COLLAR-1	6.25	2.25	28.59	5952.37
	CROSS OVER SUB	5.94	2.37	1.160	5953.53
	PERFORATED ANCHOR	4.75	2.25	5.000	5958.53
	OUTSIDE RECORDER CARRIER	4.88	2.50	5.820	5964.35
	BULLNOSE	4.75	0.00	0.650	5965

Report Number: 9111973

Test Number: TWO

Test Date: 28-JUL-2002

Schlumberger

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 9111973

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR703

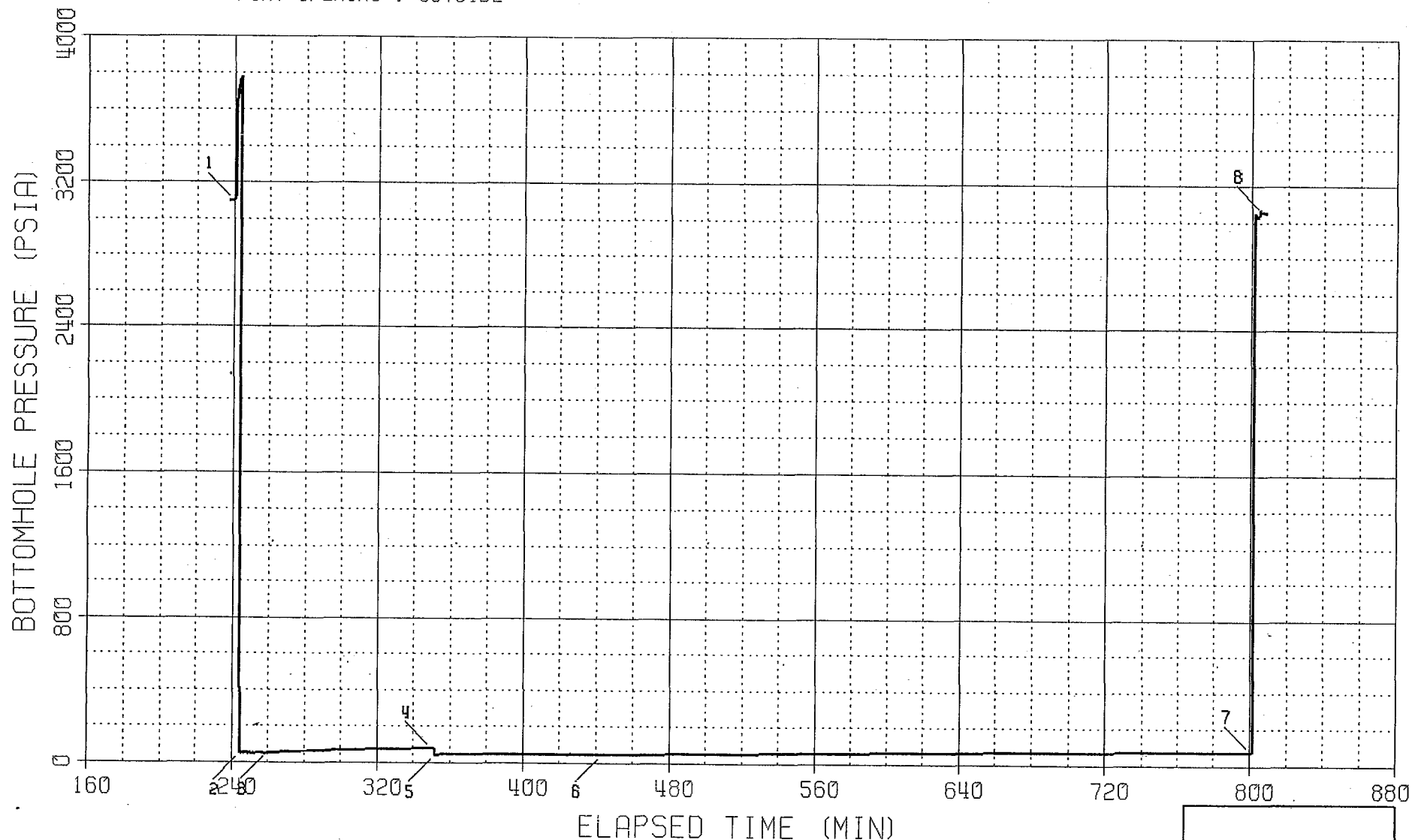
WELL : MONTEZUMA 41-17-74

DEPTH : 5922 FT

CAPACITY : 10000 PSI

Electronic Pressure Data

PORT OPENING : OUTSIDE



Schlumberger

BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 9111973

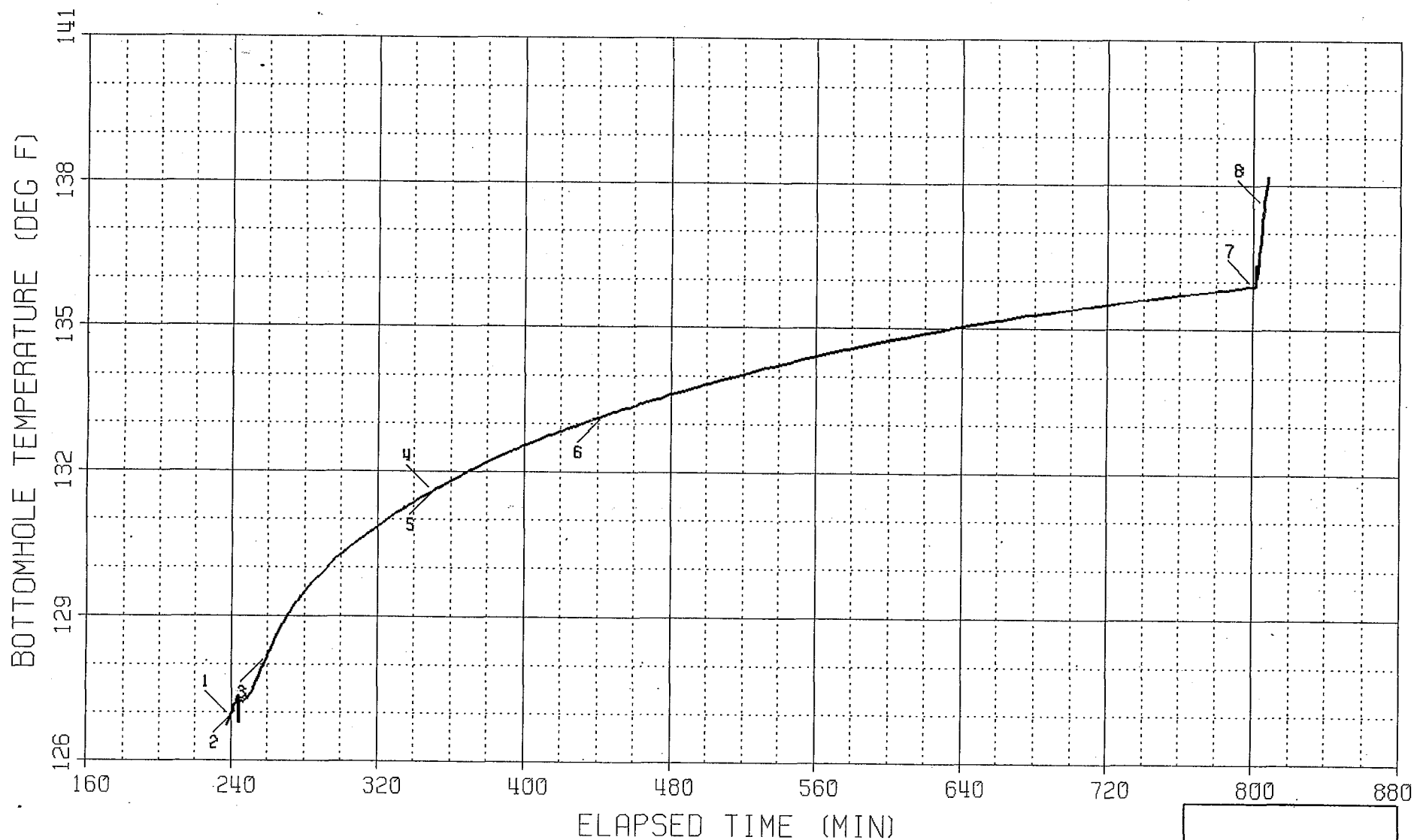
COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR703

WELL : MONTEZUMA 41-17-74

DEPTH : 5922 FT

Electronic Temperature Data



Schlumberger

LOG LOG PLOT

COMPANY : SAMEDAN OIL CORPORATION

WELL : MONTEZUMA 41-17-74

FIELD REPORT NO. 9111973

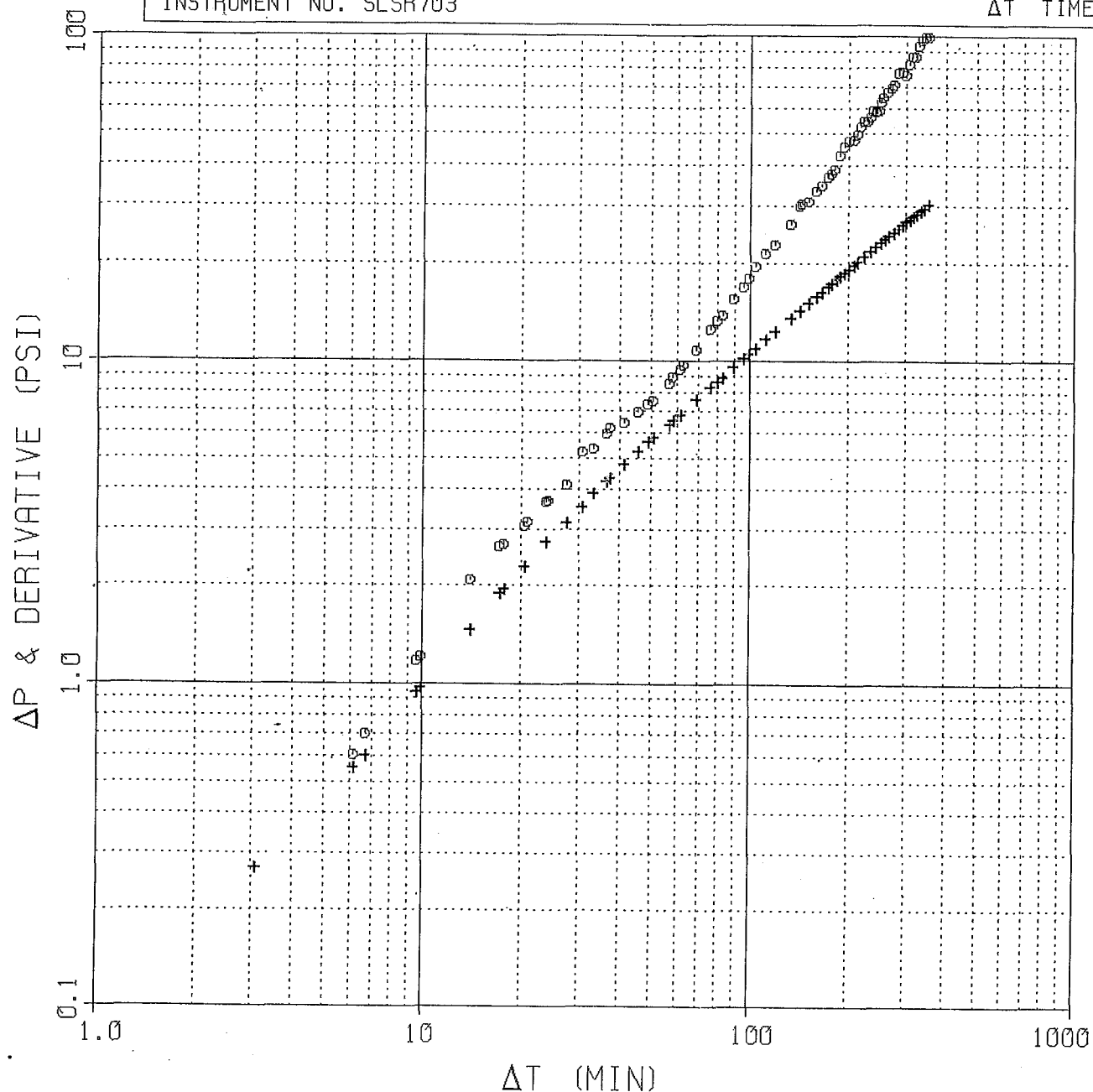
INSTRUMENT NO. SLSR703

SHUTIN #2 : PRODUCING TIME (T_p): 106.8 MIN

FINAL FLOW PRESSURE (P_{wf}): 45 PSIA

PLOT ELAPSED TIME RANGE: 446.0 TO 800.4 MIN

ΔT TIME RANGE: 3.1 TO 357.5 MIN



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PRESSURE (PSIA)

ΔT (MIN)

HORNER PLOT

FIELD REPORT NO. 9111973

INSTRUMENT NO. SLSR703

COMPANY : SAMEDAN OIL CORPORATION

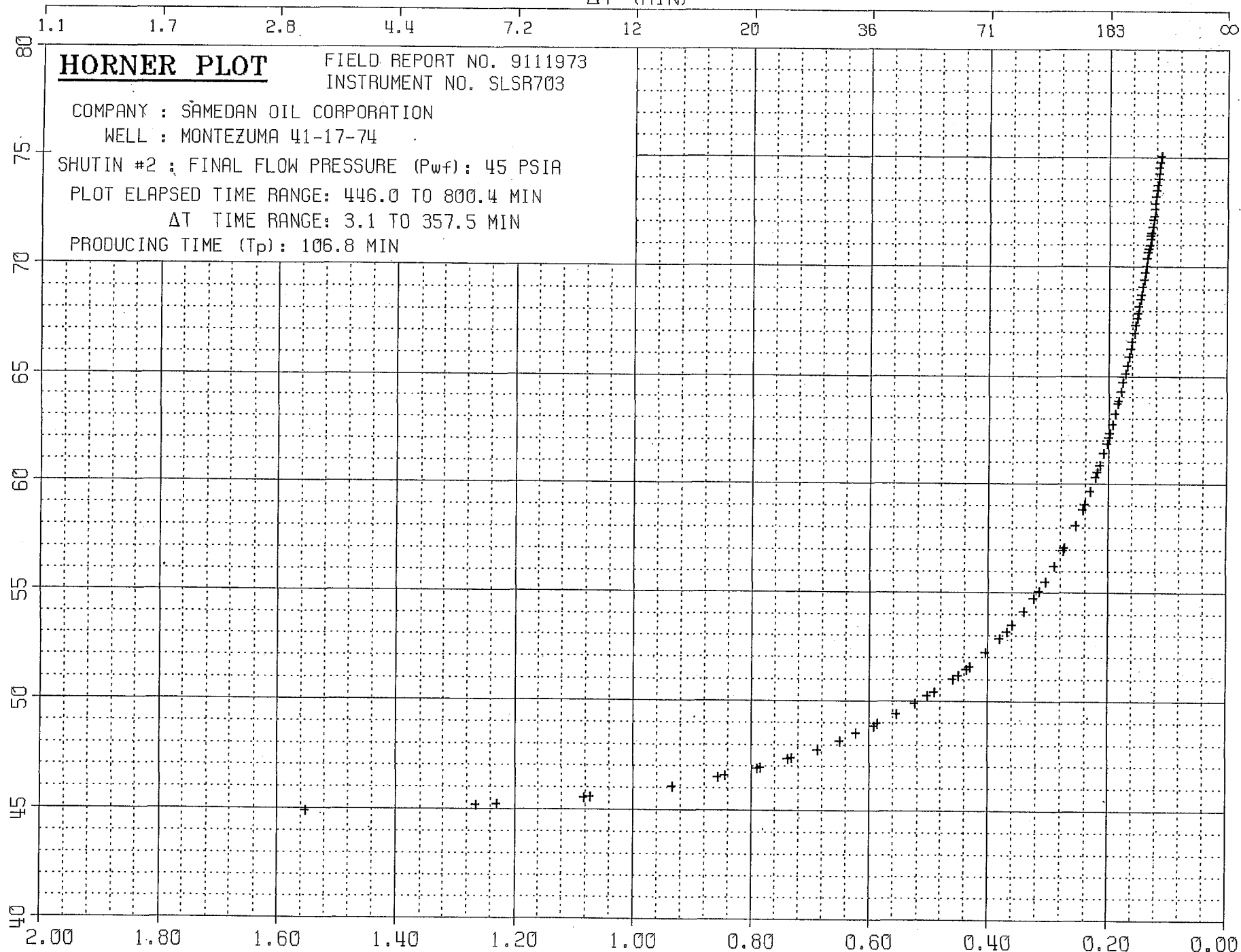
WELL : MONTEZUMA 41-17-74

SHUTIN #2 : FINAL FLOW PRESSURE (P_{wf}) : 45 PSIA

PLOT ELAPSED TIME RANGE: 446.0 TO 800.4 MIN

ΔT TIME RANGE: 3.1 TO 357.5 MIN

PRODUCING TIME (T_p) : 106.8 MIN



$\text{LOG} [(T_p + \Delta T) / \Delta T]$

Schlumberger

PRESSURE (PSIA)

ΔT (MIN)

HORNER PLOT

FIELD REPORT NO. 9111973

INSTRUMENT NO. SLSR703

COMPANY : SAMEDAN OIL CORPORATION

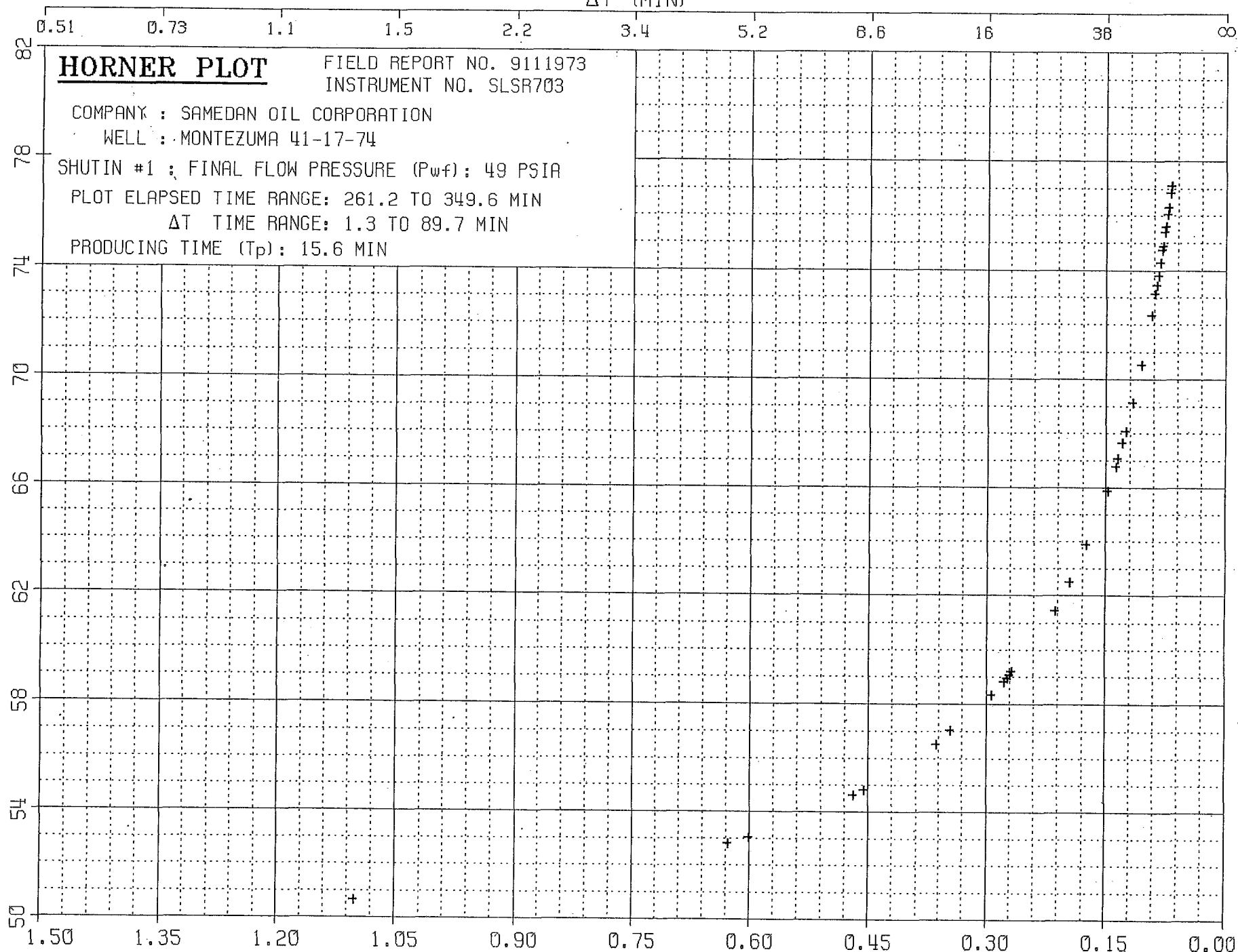
WELL : MONTEZUMA 41-17-74

SHUTIN #1 : FINAL FLOW PRESSURE (P_{wf}) : 49 PSIA

PLOT ELAPSED TIME RANGE: 261.2 TO 349.6 MIN

ΔT TIME RANGE: 1.3 TO 89.7 MIN

PRODUCING TIME (T_p) : 15.6 MIN



$\text{LOG} [(T_p + \Delta T) / \Delta T]$

Schlumberger

 ** WELL TEST DATA PRINTOUT **

COMPANY: SAMEDAN OIL CORPORATION
 WELL: MONTEZUMA 41-17-74

FIELD REPORT NO. 9111973
 INSTRUMENT NO. SLSR703

RECORDER CAPACITY: 10000 PSI PORT OPENING: OUTSIDE DEPTH: 5922 FT

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
1	19:26:21	27-JUL	HYDROSTATIC MUD	239.35	3100.44	126.90
2	19:31:17	27-JUL	START FLOW	244.28	46.97	127.11
3	19:46:53	27-JUL	END FLOW & START SHUT-IN	259.88	49.16	128.17
4	21:16:37	27-JUL	END SHUT-IN	349.62	77.10	131.58
5	21:18:45	27-JUL	START FLOW	351.75	39.67	131.63
6	22:49:57	27-JUL	END FLOW & START SHUT-IN	442.95	44.61	133.16
7	4:47:25	28-JUL	END SHUT-IN	800.42	75.04	135.90
8	4:53:01	28-JUL	HYDROSTATIC MUD	806.02	3055.65	137.57

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	244.28	259.88	15.60	46.97	49.16	46.97
2	351.75	442.95	91.20	39.67	44.61	39.67

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	259.88	349.62	89.74	49.16	77.10	49.16	15.60
2	442.95	800.42	357.47	44.61	75.04	44.61	106.80

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
19:31:17	27-JUL	244.28	0.00	127.11	46.97
19:46:37	27-JUL	259.62	15.34	128.16	49.76
19:46:53	27-JUL	259.88	15.60	128.17	49.16

TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 49.16 PSIA
PRODUCING TIME = 15.60 MIN

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
19:46:53	27-JUL	259.88	0.00	128.17	49.16	0.00	
19:48:13	27-JUL	261.22	1.34	128.28	50.64	1.48	1.1018
19:51:41	27-JUL	264.68	4.80	128.59	52.83	3.67	0.6284
19:54:53	27-JUL	267.88	8.00	128.82	54.63	5.47	0.4698
19:58:45	27-JUL	271.75	11.87	129.06	56.53	7.37	0.3644
20:03:01	27-JUL	276.02	16.14	129.29	58.31	9.15	0.2937
20:05:01	27-JUL	278.02	18.14	129.40	59.09	9.93	0.2695
20:11:25	27-JUL	284.42	24.54	129.69	61.42	12.26	0.2137
20:14:13	27-JUL	287.22	27.34	129.79	62.51	13.35	0.1961
20:18:21	27-JUL	291.35	31.47	129.94	63.89	14.73	0.1748
20:25:17	27-JUL	298.28	38.40	130.21	65.86	16.70	0.1481
20:31:33	27-JUL	304.55	44.67	130.41	67.64	18.48	0.1301
20:37:17	27-JUL	310.28	50.40	130.57	69.12	19.96	0.1171
20:43:01	27-JUL	316.02	56.14	130.73	70.49	21.33	0.1065
20:51:41	27-JUL	324.68	64.80	130.98	72.33	23.17	0.0937
20:57:01	27-JUL	330.02	70.14	131.13	73.47	24.31	0.0872
21:03:33	27-JUL	336.55	76.67	131.27	74.74	25.58	0.0804
21:10:37	27-JUL	343.62	83.74	131.45	76.03	26.87	0.0742
21:16:37	27-JUL	349.62	89.74	131.58	77.10	27.94	0.0696

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
21:18:45	27-JUL	351.75	0.00	131.63	39.67
21:34:37	27-JUL	367.62	15.87	131.95	45.73
21:50:29	27-JUL	383.48	31.73	132.26	45.25
22:07:49	27-JUL	400.82	49.07	132.55	44.94
22:22:53	27-JUL	415.88	64.13	132.78	44.89
22:37:57	27-JUL	430.95	79.20	133.00	46.04
22:49:57	27-JUL	442.95	91.20	133.16	44.61

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 44.61 PSIA

PRODUCING TIME = 106.80 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORN TIME
22:49:57	27-JUL	442.95	0.00	133.16	44.61	0.00	
22:53:01	27-JUL	446.02	3.07	133.20	44.88	0.27	1.5537
22:56:05	27-JUL	449.08	6.13	133.23	45.16	0.55	1.2654
22:59:33	27-JUL	452.55	9.60	133.27	45.55	0.94	1.0837
23:03:57	27-JUL	456.95	14.00	133.32	46.06	1.45	0.9359
23:07:09	27-JUL	460.15	17.20	133.36	46.49	1.88	0.8579
23:10:29	27-JUL	463.48	20.53	133.41	46.90	2.29	0.7925
23:13:49	27-JUL	466.82	23.87	133.45	47.33	2.72	0.7383
23:17:33	27-JUL	470.55	27.60	133.50	47.75	3.14	0.6875
23:20:37	27-JUL	473.62	30.67	133.52	48.13	3.52	0.6515
23:26:29	27-JUL	479.48	36.53	133.61	48.84	4.23	0.5937
23:31:33	27-JUL	484.55	41.60	133.65	49.43	4.82	0.5523
23:38:53	27-JUL	491.88	48.93	133.74	50.22	5.61	0.5028
23:46:37	27-JUL	499.62	56.67	133.83	50.98	6.37	0.4601
23:52:37	27-JUL	505.62	62.67	133.90	51.57	6.96	0.4320
23:59:01	27-JUL	512.02	69.07	133.95	52.19	7.58	0.4059
0:05:57	28-JUL	518.95	76.00	134.02	52.83	8.22	0.3812
0:12:37	28-JUL	525.62	82.67	134.10	53.47	8.86	0.3602
0:19:33	28-JUL	532.55	89.60	134.17	54.12	9.51	0.3408
0:26:05	28-JUL	539.08	96.13	134.22	54.73	10.12	0.3245
0:34:13	28-JUL	547.22	104.27	134.29	55.49	10.88	0.3063
0:42:05	28-JUL	555.08	112.13	134.37	56.23	11.62	0.2906
0:49:49	28-JUL	562.82	119.87	134.44	56.94	12.33	0.2767
1:03:17	28-JUL	576.28	133.33	134.55	58.08	13.47	0.2555
1:11:33	28-JUL	584.55	141.60	134.62	58.81	14.20	0.2441
1:21:17	28-JUL	594.28	151.33	134.69	59.65	15.04	0.2319
1:28:53	28-JUL	601.88	158.93	134.76	60.29	15.68	0.2232
1:35:33	28-JUL	608.55	165.60	134.80	60.85	16.24	0.2161
1:42:29	28-JUL	615.48	172.53	134.85	61.41	16.80	0.2093
1:47:41	28-JUL	620.68	177.73	134.89	61.84	17.23	0.2044
1:53:57	28-JUL	626.95	184.00	134.94	62.34	17.73	0.1988
2:10:13	28-JUL	643.22	200.27	135.05	63.68	19.07	0.1856
2:28:05	28-JUL	661.08	218.13	135.16	65.09	20.48	0.1731
2:43:09	28-JUL	676.15	233.20	135.27	66.25	21.64	0.1638
3:01:41	28-JUL	694.68	251.73	135.37	67.63	23.02	0.1536
3:17:49	28-JUL	710.82	267.87	135.46	68.83	24.22	0.1457
3:34:29	28-JUL	727.48	284.53	135.55	70.02	25.41	0.1384
3:51:49	28-JUL	744.82	301.87	135.64	71.25	26.64	0.1316
4:07:33	28-JUL	760.55	317.60	135.72	72.32	27.71	0.1259
4:23:49	28-JUL	776.82	333.87	135.79	73.45	28.84	0.1205
4:39:09	28-JUL	792.15	349.20	135.86	74.51	29.90	0.1159
4:47:25	28-JUL	800.42	357.47	135.90	75.04	30.43	0.1135

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 9111973

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR704

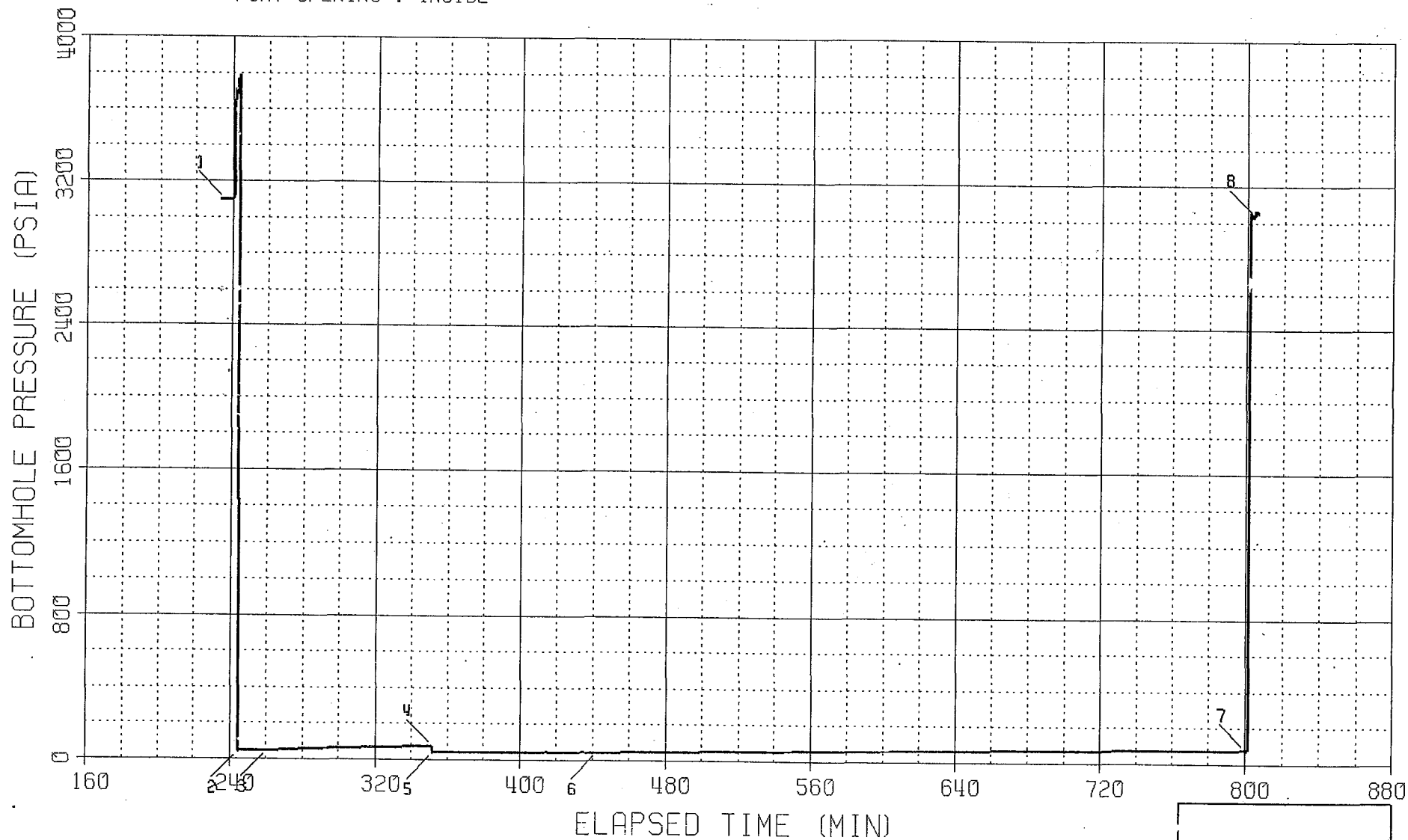
WELL : MONTEZUMA 41-17-74

DEPTH : 5928 FT

CAPACITY : 10000 PSI

Electronic Pressure Data

PORT OPENING : INSIDE



Schlumberger

BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 9111973

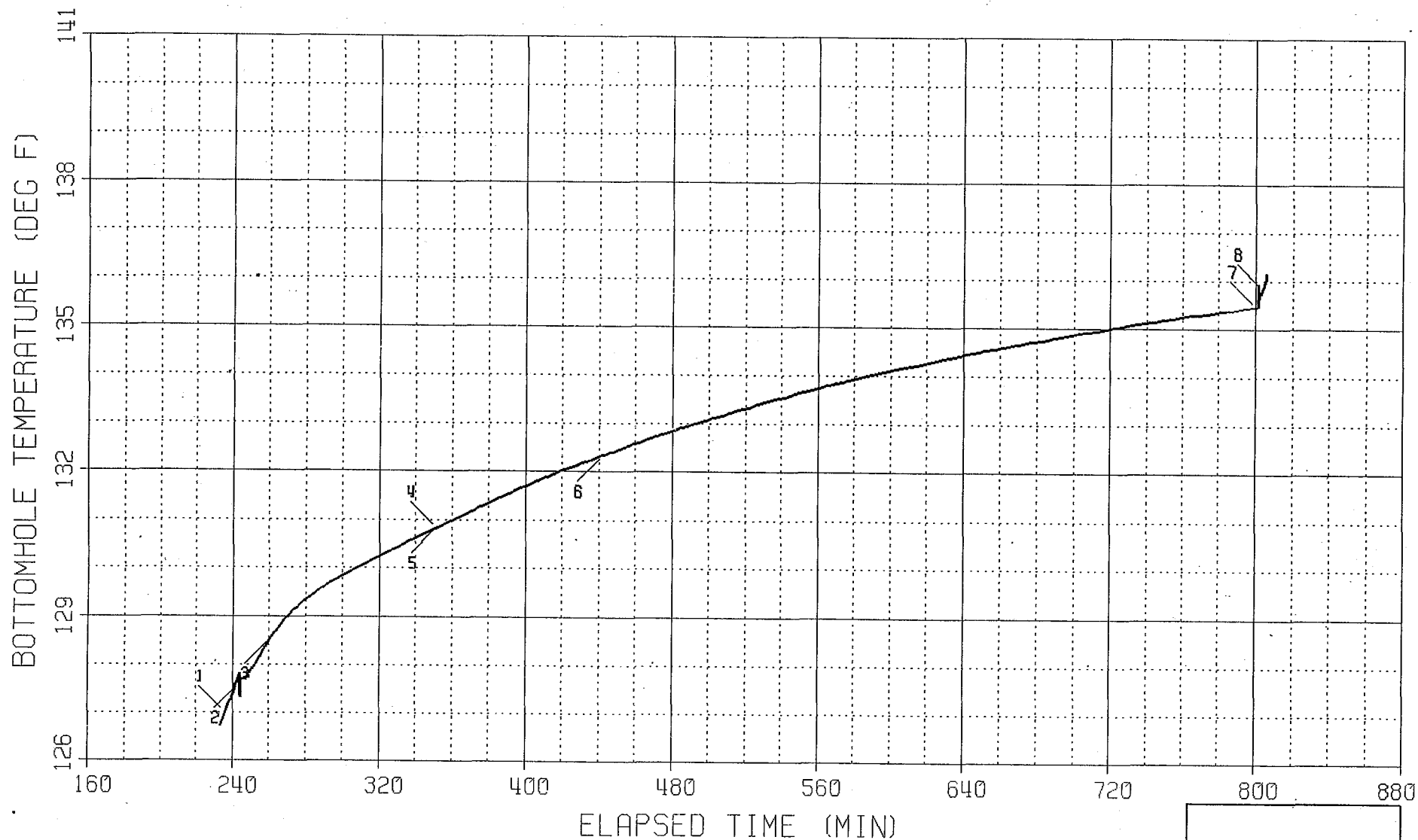
COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR704

WELL : MONTEZUMA 41-17-74

DEPTH : 5928 FT

Electronic Temperature Data



Schlumberger

LOG LOG PLOT

COMPANY : SAMEDAN OIL CORPORATION

WELL : MONTEZUMA 41-17-74

FIELD REPORT NO. 9111973

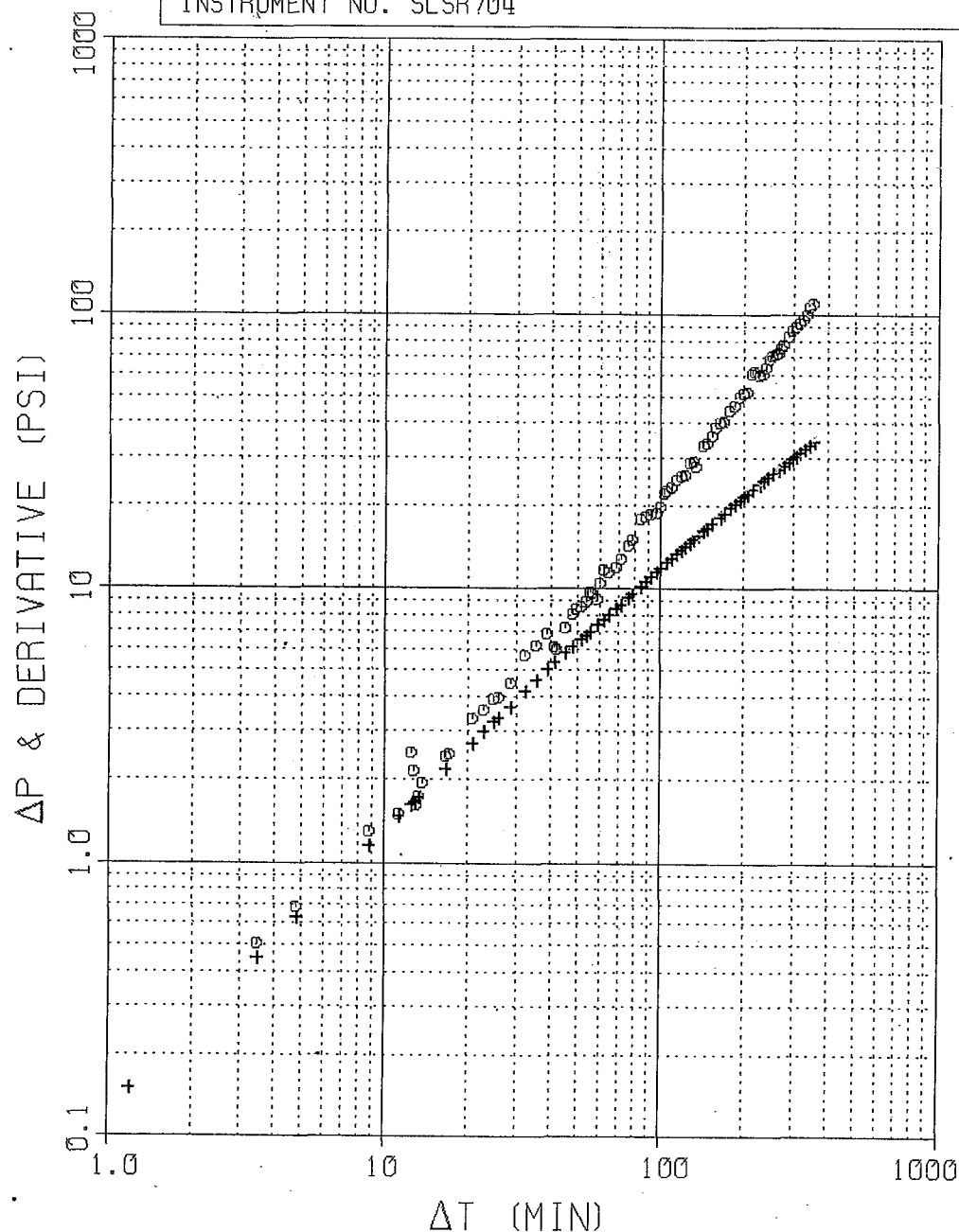
INSTRUMENT NO. SLSR704

SHUTIN #2 : PRODUCING TIME (T_p): 107.2 MIN

FINAL FLOW PRESSURE (P_{wf}): 42 PSIA

PLOT ELAPSED TIME RANGE: 443.6 TO 800.7 MIN

ΔT TIME RANGE: 1.2 TO 358.3 MIN



Schlumberger

PRESSURE (PSIA)

ΔT (MIN)

HORNER PLOT

FIELD REPORT NO. 9111973

INSTRUMENT NO. SLSR704

COMPANY : SAMEDAN OIL CORPORATION

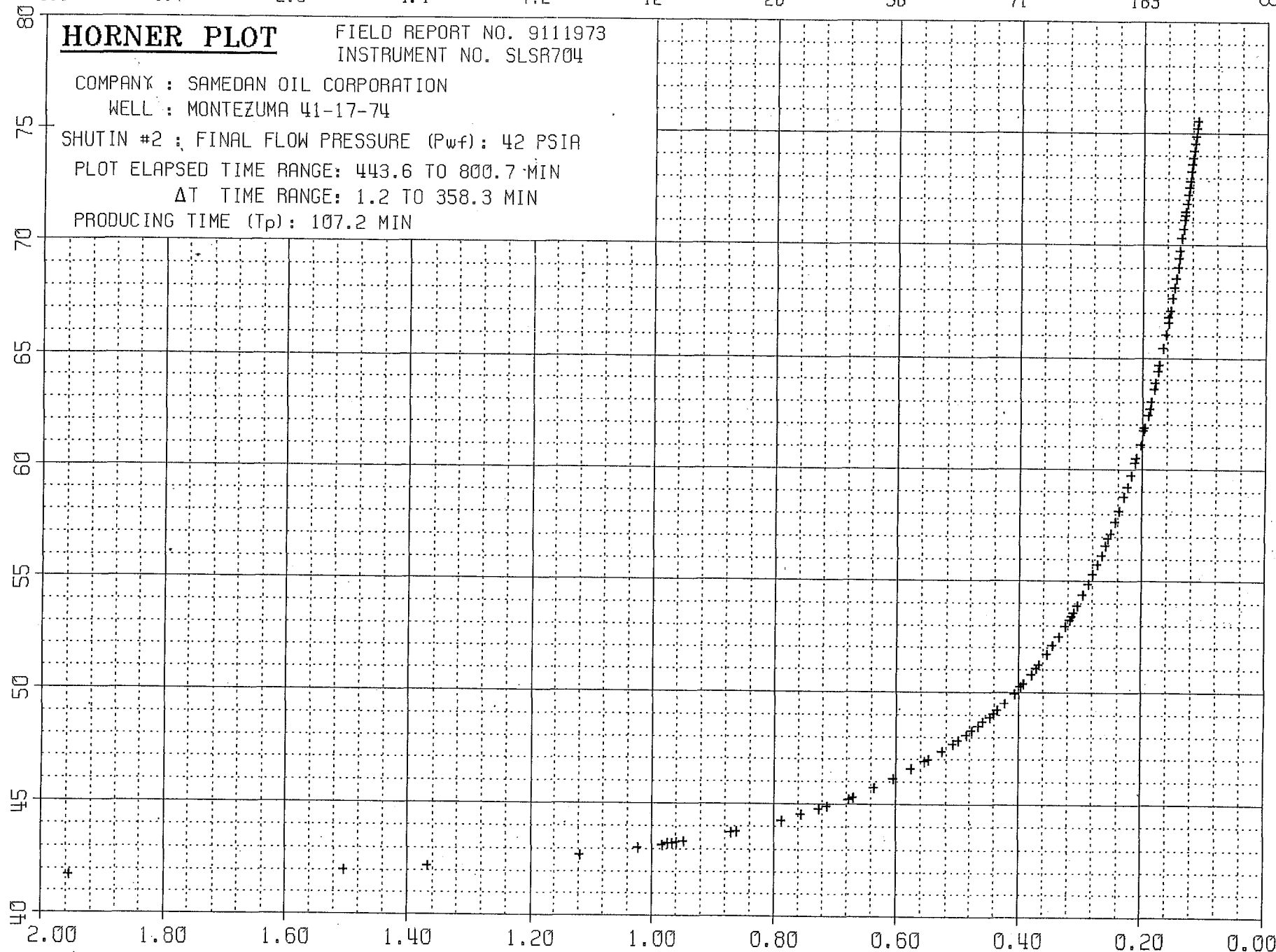
WELL : MONTEZUMA 41-17-74

SHUTIN #2 : FINAL FLOW PRESSURE (P_{wf}) : 42 PSIA

PLOT ELAPSED TIME RANGE: 443.6 TO 800.7 MIN

ΔT TIME RANGE: 1.2 TO 358.3 MIN

PRODUCING TIME (T_p) : 107.2 MIN



$\text{LOG} [(T_p + \Delta T) / \Delta T]$

Schlumberger

PRESSURE (PSIA)

ΔT (MIN)

HORNER PLOT

FIELD REPORT NO. 9111973

INSTRUMENT NO. SLSR704

COMPANY : SAMEKAN OIL CORPORATION

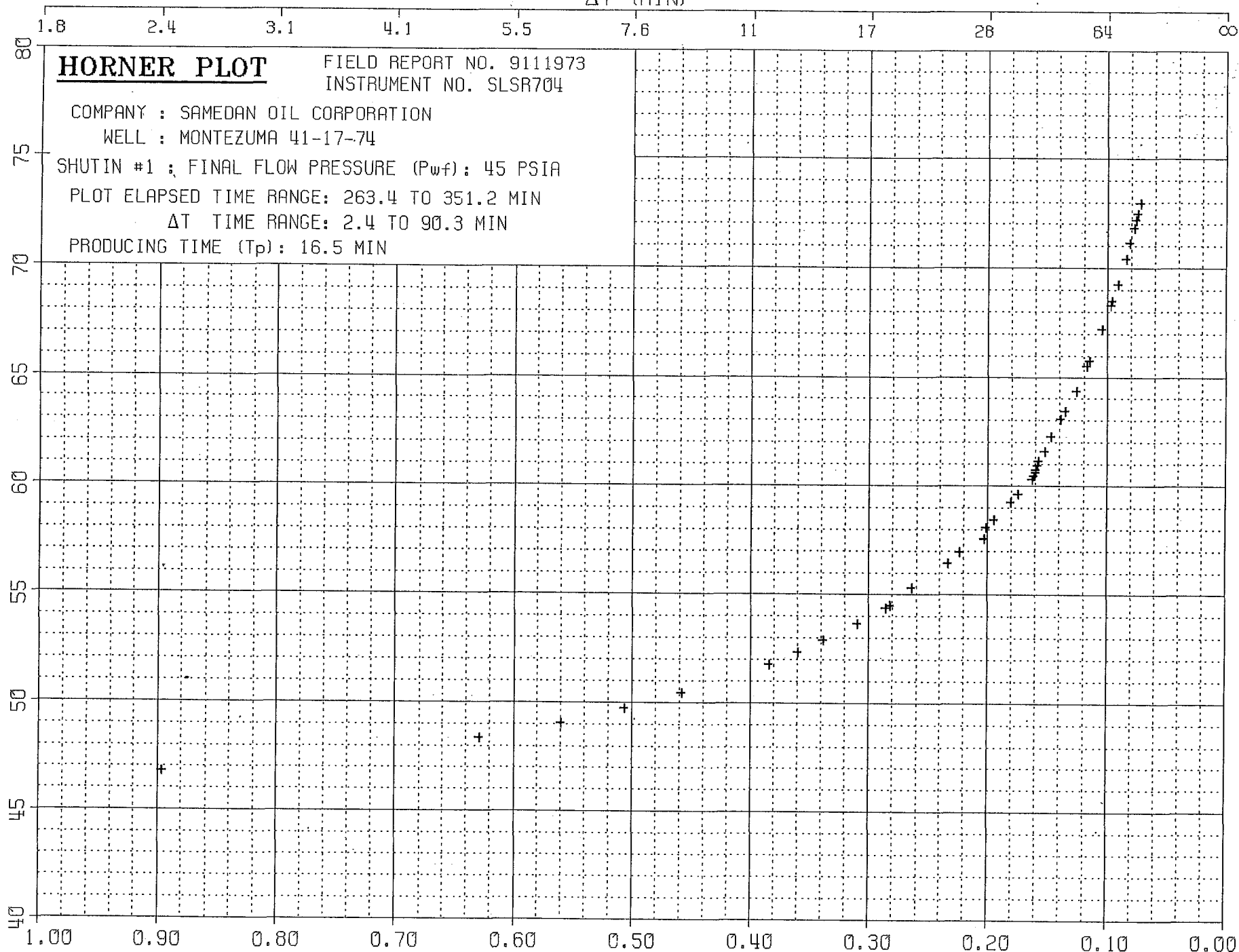
WELL : MONTEZUMA 41-17-74

SHUTIN #1 : FINAL FLOW PRESSURE (P_{wf}): 45 PSIA

PLOT ELAPSED TIME RANGE: 263.4 TO 351.2 MIN

ΔT TIME RANGE: 2.4 TO 90.3 MIN

PRODUCING TIME (T_p): 16.5 MIN



LOG $[(T_p + \Delta T) / \Delta T]$

Schlumberger

 ** WELL TEST DATA PRINTOUT **

COMPANY: SAMEDAN OIL CORPORATION
 WELL: MONTEZUMA 41-17-74

FIELD REPORT NO. 9111973
 INSTRUMENT NO. SLSR704

RECORDER CAPACITY: 10000 PSI PORT OPENING: INSIDE DEPTH: 5928 FT

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
1	19:22:53	27-JUL	HYDROSTATIC MUD	235.88	3098.81	127.00
2	19:31:25	27-JUL	START FLOW	244.42	39.56	127.63
3	19:47:57	27-JUL	END FLOW & START SHUT-IN	260.95	45.35	128.55
4	21:18:13	27-JUL	END SHUT-IN	351.22	72.94	130.82
5	21:18:45	27-JUL	START FLOW	351.75	35.71	130.84
6	22:49:25	27-JUL	END FLOW & START SHUT-IN	442.42	41.56	132.33
7	4:47:41	28-JUL	END SHUT-IN	800.68	75.61	135.45
8	4:51:01	28-JUL	HYDROSTATIC MUD	804.02	3035.85	135.82

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	244.42	260.95	16.53	39.56	45.35	39.56
2	351.75	442.42	90.67	35.71	41.56	35.71

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	260.95	351.22	90.27	45.35	72.94	45.35	16.53
2	442.42	800.68	358.26	41.56	75.61	41.56	107.20

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
19:31:25	27-JUL	244.42	0.00	127.63	39.56
19:47:57	27-JUL	260.95	16.53	128.55	45.35

TEST PHASE: SHUTIN PERIOD # 1

 FINAL FLOW PRESSURE = 45.35 PSIA
 PRODUCING TIME = 16.53 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
19:47:57	27-JUL	260.95	0.00	128.55	45.35	0.00	
19:50:21	27-JUL	263.35	2.40	128.68	46.77	1.42	0.8969
19:53:01	27-JUL	266.02	5.07	128.82	48.35	3.00	0.6294
19:54:13	27-JUL	267.22	6.27	128.88	49.02	3.67	0.5607
19:55:25	27-JUL	268.42	7.47	128.93	49.72	4.37	0.5069
19:56:45	27-JUL	269.75	8.80	128.98	50.42	5.07	0.4592
19:59:33	27-JUL	272.55	11.60	129.11	51.75	6.40	0.3847
20:01:57	27-JUL	274.95	14.00	129.18	52.88	7.53	0.3386
20:05:41	27-JUL	278.68	17.73	129.31	54.39	9.04	0.2861
20:07:41	27-JUL	280.68	19.73	129.36	55.30	9.95	0.2643
20:11:09	27-JUL	284.15	23.20	129.45	56.43	11.08	0.2336
20:15:41	27-JUL	288.68	27.73	129.58	57.53	12.18	0.2031
20:19:49	27-JUL	292.82	31.87	129.69	59.25	13.90	0.1815
20:24:53	27-JUL	297.88	36.93	129.79	60.60	15.25	0.1606
20:31:33	27-JUL	304.55	43.60	129.92	63.04	17.69	0.1396
20:36:53	27-JUL	309.88	48.93	130.03	64.34	18.99	0.1264
20:42:13	27-JUL	315.22	54.27	130.14	65.74	20.39	0.1155
20:48:21	27-JUL	321.35	60.40	130.26	67.21	21.86	0.1051
20:53:25	27-JUL	326.42	65.47	130.35	68.29	22.94	0.0978
20:58:45	27-JUL	331.75	70.80	130.46	69.25	23.90	0.0911
21:04:21	27-JUL	337.35	76.40	130.57	70.43	25.08	0.0851
21:11:41	27-JUL	344.68	83.73	130.69	71.81	26.46	0.0782
21:18:13	27-JUL	351.22	90.27	130.82	72.94	27.59	0.0730

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
21:18:45	27-JUL	351.75	0.00	130.84	35.71
21:33:57	27-JUL	366.95	15.20	131.11	41.49
21:53:01	27-JUL	386.02	34.27	131.45	41.75
22:13:25	27-JUL	406.42	54.67	131.79	42.27
22:31:25	27-JUL	424.42	72.67	132.08	42.17
22:46:37	27-JUL	439.62	87.87	132.30	41.46
22:49:25	27-JUL	442.42	90.67	132.33	41.56

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 41.56 PSIA
PRODUCING TIME = 107.20 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
22:49:25	27-JUL	442.42	0.00	132.33	41.56	0.00	
22:50:37	27-JUL	443.62	1.20	132.35	41.71	0.15	1.9559
22:52:53	27-JUL	445.88	3.46	132.39	42.01	0.45	1.5049
22:54:13	27-JUL	447.22	4.80	132.40	42.19	0.63	1.3680
22:58:13	27-JUL	451.22	8.80	132.46	42.71	1.15	1.1200
23:00:37	27-JUL	453.62	11.20	132.49	43.03	1.47	1.0241
23:02:37	27-JUL	455.62	13.20	132.53	43.28	1.72	0.9601
23:06:05	27-JUL	459.08	16.66	132.57	43.73	2.17	0.8713
23:10:13	27-JUL	463.22	20.80	132.62	44.26	2.70	0.7891
23:12:13	27-JUL	465.22	22.80	132.66	44.53	2.97	0.7560
23:14:13	27-JUL	467.22	24.80	132.67	44.78	3.22	0.7261
23:17:57	27-JUL	470.95	28.53	132.73	45.22	3.66	0.6774
23:21:41	27-JUL	474.68	32.26	132.78	45.72	4.16	0.6358
23:28:05	27-JUL	481.08	38.66	132.85	46.56	5.00	0.5767
23:34:45	27-JUL	487.75	45.33	132.94	47.33	5.77	0.5270
23:41:17	27-JUL	494.28	51.86	133.02	48.08	6.52	0.4867
23:46:21	27-JUL	499.35	56.93	133.07	48.65	7.09	0.4598
23:51:25	27-JUL	504.42	62.00	133.14	49.19	7.63	0.4360
23:58:13	27-JUL	511.22	68.80	133.21	49.93	8.37	0.4079
0:05:57	28-JUL	518.95	76.53	133.30	50.77	9.21	0.3803
0:14:05	28-JUL	527.08	84.66	133.39	51.67	10.11	0.3553
0:21:25	28-JUL	534.42	92.00	133.47	52.50	10.94	0.3355
0:28:37	28-JUL	541.62	99.20	133.54	53.26	11.70	0.3182
0:34:13	28-JUL	547.22	104.80	133.61	53.88	12.32	0.3060
0:43:33	28-JUL	556.55	114.13	133.70	54.86	13.30	0.2876
0:52:05	28-JUL	565.08	122.66	133.79	55.74	14.18	0.2728
1:00:29	28-JUL	573.48	131.06	133.86	56.60	15.04	0.2596
1:06:05	28-JUL	579.08	136.66	133.92	57.12	15.56	0.2515
1:11:33	28-JUL	584.55	142.13	133.97	57.64	16.08	0.2441
1:23:01	28-JUL	596.02	153.60	134.08	58.74	17.18	0.2299
1:33:01	28-JUL	606.02	163.60	134.15	59.72	18.16	0.2189
1:38:45	28-JUL	611.75	169.33	134.20	60.27	18.71	0.2130
1:47:49	28-JUL	620.82	178.40	134.28	61.08	19.52	0.2044
1:54:21	28-JUL	627.35	184.93	134.33	61.71	20.15	0.1986
2:15:17	28-JUL	648.28	205.86	134.49	63.58	22.02	0.1821
2:36:21	28-JUL	669.35	226.93	134.65	65.43	23.87	0.1680
2:52:45	28-JUL	685.75	243.33	134.76	66.78	25.22	0.1585
3:08:53	28-JUL	701.88	259.46	134.87	68.11	26.55	0.1502
3:25:33	28-JUL	718.55	276.13	134.98	69.42	27.86	0.1425
3:41:49	28-JUL	734.82	292.40	135.09	70.70	29.14	0.1356
4:01:33	28-JUL	754.55	312.13	135.19	72.21	30.65	0.1282
4:20:05	28-JUL	773.08	330.66	135.30	73.58	32.02	0.1220
4:37:17	28-JUL	790.28	347.86	135.39	74.82	33.26	0.1167
4:47:41	28-JUL	800.68	358.26	135.45	75.61	34.05	0.1137

FIELD REPORT

TYPE OF SERVICE
ON BTM STRADDLEDATE
28-JUL-2002DISTRICT
HOBBESPage
2 of 2

INSTRUMENT DATA

MUD DATA

INSTRUMENT NO.	SLSR-703	SLSR-704	J-1237			MUD TYPE	F/W GEL-PAC	MUD WT	9.9	#/gal
CAPACITY (PSIG)	10000	10000	9000			VISCOSITY	42	WATER LOSS	8.8	CC
DEPTH	5922	5928	5964			RESISTIVITY: OF MUD	@	°F		
INSIDE-OUTSIDE	OUT	IN	OUT			RESISTIVITY: OF FILTRATE	0.757 @ 60	°F		
CLOCK CAP	ELECTRONIC	ELECTRONIC	48 HOURS			CHLORIDES	5600	PPM		
TEMPERATURE °F	138	137				H2S DURING TEST	0	PPM		
I. HYD. PSIG	3100	3098	TEILS THE			WELL BORE DATA				
I. FLOW PSIG	46-49	39-45	SAME STORY			FORMATION TESTED	UPPER ISMAY			
I.S.I. PSIG	77	72				NET PRODUCTIVE INTERVAL	20	ft	EST. POROSITY	4 %
2nd FLOW PSIG						ELEVATION	4733	ft	DEPTH MEASURED FROM KB	
2nd S.I. PSIG						TOTAL MEASURED DEPTH		5965		ft
F. FLOW PSIG	39-44	35-41				O H SIZE	7.875	in		
F.S.I. PSIG	75	75				CASING SIZE	8.62 @ 1983'			
F. HYD. PSIG	3055	3035				LINER SIZE				
						PERF INTERVAL FROM		ft	TO	ft
						SHOT DENSITY				

CUSHION

LENGTH

AMOUNT

SURFACE PRESS

BOTTOM CHOKE SIZE

NONE

0.94

SAMPLER DATA

RECOVERY			RESISTIVITY			CHLORIDES		
GAS	0.17	C.F.	RECOVERED WATER	@	deg F	PPM		
OIL	0	C.C.	RECOVERED MUD	@	deg F			
WATER	0	C.C.	REC.MUD FILTRATE	@	deg F	PPM		
MUD	50	C.C.	PIT MUD	@	deg F			
GRAVITY	°API	°F	PIT MUD FILTRATE	@	deg F	PPM		
GOR	C.F./BBL		SAMPLER PRESSURE	26	psig			

REMARKS:

We had a successful test. There was 270 feet of faint gas vapors above the fluid. The total fluid recovery was only 0.25 bbl. of drilling mud with slight traces of gas trapped within. Thank you for using Schlumberger.

SERVICE ORDER NUMBER:

9111973

SCHLUMBERGER ENGINEER/TECHNICIAN

BILL GRAYSHAW

REPORT NO.
9111973

PAGE NO. 1

TEST DATE:
28-JUL-2002

STAR

Schlumberger Testing Data Report Pressure Data Report

Schlumberger

COMPANY: SAMEDAN OIL CORPORATION

WELL: MONTEZUMA 41-17-74

TEST IDENTIFICATION

Test Type ON BTM STRADDLE
Test No. TWO
Formation UPPER ISMAY
Test Interval (ft) 5915 to 5965
Depth Reference KB

WELL LOCATION

Field UNETH
County SAN JUAN
State UTAH
Sec/Twn/Rng 17/37s/24e
Elevation (ft) 4733

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 5965
Hole Size (in) 7.875
Casing/Liner I.D. (in) 8.62 @ 1983'
Perf'd Interval/Net Pay (ft) .. / 20
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type F/W GEL-PAC
Mud Weight (lb/gal) 9.9
Mud Resistivity (ohm.m)
Filtrate Resistivity (ohm.m) .. 0.757 @ 60F
Filtrate Chlorides (ppm) 5600

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 3100.44
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 5360 / 3.64
Collar Length (ft)/I.D. (in) .. 544 / 2.25
Packer Depths (ft) 5908, 5915,
Bottomhole Choke Size (in) ... 0.94
Gauge Depth (ft)/Type 5922/SLSR-703

NET PIPE RECOVERY

Volume	Fluid Type	Properties
270 ft	GAS VAPORS	
	DRILLING MUD	
	WITH TRACES	
50 ft	OF GAS	Rw0.710@60F 6000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
0.17 cuft	Gas	
0 cc	Oil	
0 cc	Water	
50 cc	Mud	
Pressure: 26		GOR: 0 GLR: 540

INTERPRETATION RESULTS

Model of Behavior
Fluid Type Used for Analysis..
Reservoir Pressure (psi)
Transmissibility (md.ft/cp) ..
Effective Permeability (md) ..
Skin Factor/Damage Ratio
Storativity Ratio, Omega
Interporos.Flow Coef..Lambda..
Distance to an Anomaly (ft) ..
Radius of Investigation (ft)..
Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API)
Basic Solids (%)
Gas Gravity
GOR (scf/STB)
Water Cut (%)
Viscosity (cp)
Total Compressibility (1/psi)..
Porosity (%) 4
Reservoir Temperature (F) 138
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

We had a successful test. There was 270 feet of faint gas vapors above the fluid. The total fluid recovery was only 0.25 bbl. of drilling mud with slight traces of gas trapped within. Thank you for using Schlumberger.

WELL TEST INTERPRETATION REPORT #:9111973		PAGE: 2,
CLIENT : SAMEDAN OIL CORPORATION		3-AUG-***
REGION :CSD	SEQUENCE OF EVENTS	FIELD:UNETH
DISTRICT:HOBBS		ZONE :UPPER ISMAY
BASE :MIDLAND		WELL :MONTZMA 41-17
ENGINEER:BILL GRAYSHAW		LOCATION:17/37s/24e

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
27-JUL		OPEN TO 1/8" BUBBLE HOSE			
	19:26	HYDROSTATIC MUD	-4	3100	
	19:28	SET PACKERS	-2		
	19:30	START FLOW	0	47	2.00"
		BOTTOM OF BUCKET 50 SEC			
	19:31	MEASURED IN OUNCES	1		6 oz.
	19:32		2		7 oz.
	19:35	5 MIN	5		7.5oz
	19:40	10 MIN	10		8 oz.
	19:45	END FLOW & START SHUT-IN	15	49	8 oz.
	19:47	OPEN TO 3/4" CHOKE ONLY	17		
	21:12	OPEN TO BUBBLE HOSE ONLY	102		
	21:15	END SHUT-IN	105	77	
	21:18	START FLOW	108	40	0.50"
	21:19	MEASURED IN INCHES OF H2O	109		2.50"
	21:22	PRESSURE IS DROPPING	112		2.25"
	21:23	5 MIN	113		2.00"
	21:28	10 MIN	118		1.75"
	21:33	15 MIN	123		1.75"
	21:38	20 MIN	128		1.62"
	21:48	30 MIN	138		1.50"
	21:58	40 MIN	148		1.37"
	22:08	50 MIN	158		1.25"
	22:18	60 MIN	168		1.00"
	22:28	70 MIN	178		0.75"
	22:38	80 MIN	188		0.50"
	22:48	END FLOW & START SHUT-IN	198	45	0.25"
	22:52	OPEN TO 3/4" CHOKE ONLY	202		
	04:48	END SHUT-IN	-882	75	
	04:51	PULLED PACKERS LOOSE	-879		
	04:53	HYDROSTATIC MUD	-877	3056	

Continued next page

WELL TEST INTERPRETATION REPORT #:9111973		PAGE: 3,
CLIENT : SAMEDAN OIL CORPORATION		3-AUG-***
REGION :CSD	SEQUENCE OF EVENTS Continued	FIELD:UNETH
DISTRICT:HOBBS		ZONE :UPPER ISMAY
BASE :MIDLAND		WELL :MONTZMA 41-17
ENGINEER:BILL GRAYSHAW		LOCATION:17/37s/24e

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
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PULLED TO FLUID

WELL TEST INTERPRETATION REPORT #:9111973		PAGE: 12,
CLIENT : SAMEDAN OIL CORPORATION		3-AUG-88
REGION :CSD	DISTRIBUTION OF REPORTS	FIELD:UNETH
DISTRICT:HOBBS		ZONE :UPPER ISMAY
BASE :MIDLAND		WELL :MONTZMA 41-17
ENGINEER:BILL GRAYSHAW		LOCATION:17/37s/24e

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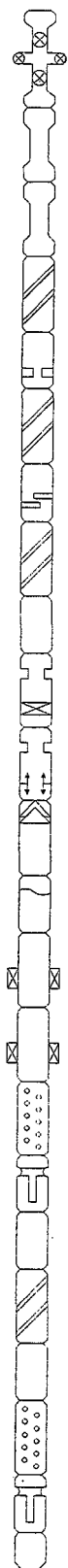
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Attn: CAROL DANIELS/DAN JARVIS
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Any interpretations or recommendations are opinions and necessarily based on inferences and empirical factors and assumptions, which are not infallible. Accordingly, Schlumberger (Flopetrol Johnston) cannot and does not warrant the accuracy of correctness of any interpretation or measurement. Under no circumstances should any interpretation or measurement be relied upon as the sole basis for any drilling, completion, well treatment or production decision or any procedure involving risk to the safety of any drilling venture, drilling rig or its crew or any other individual. The Customer has full responsibility for all drilling, completion, well treatment, and production procedure, and all other activities relating to the drilling or production operation.

SAMEDAN OIL CORPORATION
MONTEZUMA 41-17-74
TOOL STRING SCHEMATIC



TOOL DESCRIPTION	OD	ID	LENGTH	DEPTH
SURFACE FLOWHEAD				0
DRILL PIPE 16.6#	4.50	3.82	4429.	4429
DRILL PIPE 20 #	4.50	3.64	930.8	5359.8
DRILL COLLARS-11	6.25	2.25	335.2	5695
PUMPOUT DISK REVERSING VALVE	6.00	3.00	1.230	5696.23
DRILL COLLARS-3	6.25	2.25	90.00	5786.23
BREAKOFF PIN REVERSING VALVE	6.00	3.00	1.480	5787.71
DRILL COLLARS-3	6.25	2.25	90.00	5877.71
CROSS OVER SUB	6.25	2.25	1.260	5878.97
MFE (MFEV-B)	5.00	0.94	10.02	5888.99
MFE OH BYPASS (MBYP-B)	5.00	1.18	2.980	5891.97
DC HYDRAULIC JARS	4.75	1.88	7.310	5899.28
SAFETY JOINT (SAJ-BA)	4.75	1.50	2.440	5901.72
BOB TAIL PACKER	7.25	1.50	6.120	5907.84
BOB TAIL PACKER	7.25	1.50	7.160	5915
PERFORATED ANCHOR	4.75	2.25	6.960	5921.96
DUAL IN/OUT GAUGE HANGER	4.75	1.00	0.760	5922.72
CROSS OVER SUB	5.75	2.32	1.060	5923.78
DRILL COLLAR-1	6.25	2.25	28.59	5952.37
CROSS OVER SUB	5.94	2.37	1.160	5953.53
PERFORATED ANCHOR	4.75	2.25	5.000	5958.53
OUTSIDE RECORDER CARRIER	4.88	2.50	5.820	5964.35
BULLNOSE	4.75	0.00	0.650	5965

Report Number: 9111973
Test Number: TWO
Test Date: 28-JUL-2002

Schlumberger

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 9111973

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR703

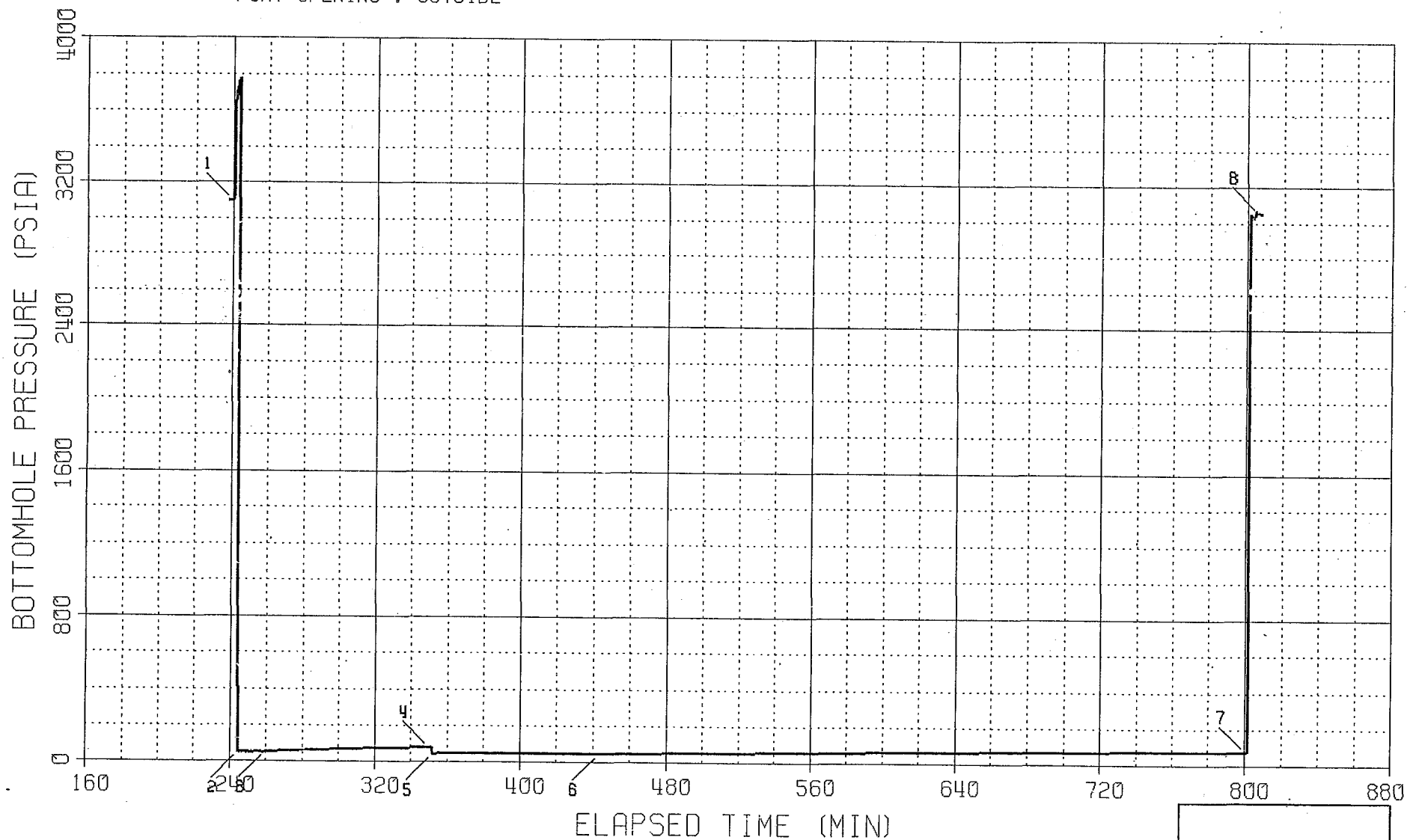
WELL : MONTEZUMA 41-17-74

DEPTH : 5922 FT

CAPACITY : 10000 PSI

Electronic Pressure Data

PORT OPENING : OUTSIDE



Schlumberger

BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 9111973

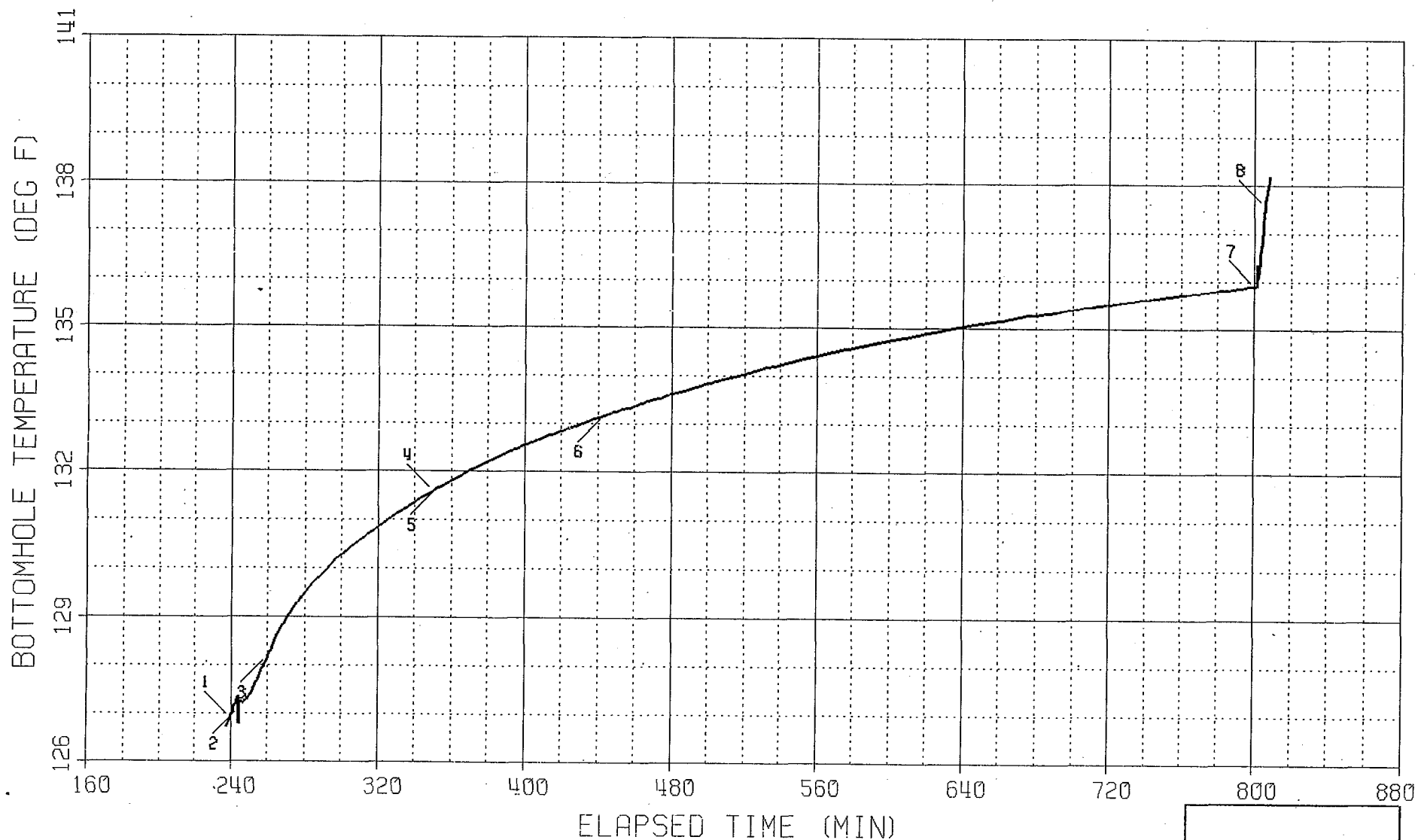
COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR703

WELL : MONTEZUMA 41-17-74

DEPTH : 5922 FT

Electronic Temperature Data



Schlumberger

LOG LOG PLOT

COMPANY : SAMEDAN OIL CORPORATION

WELL : MONTEZUMA 41-17-74

FIELD REPORT NO. 9111973

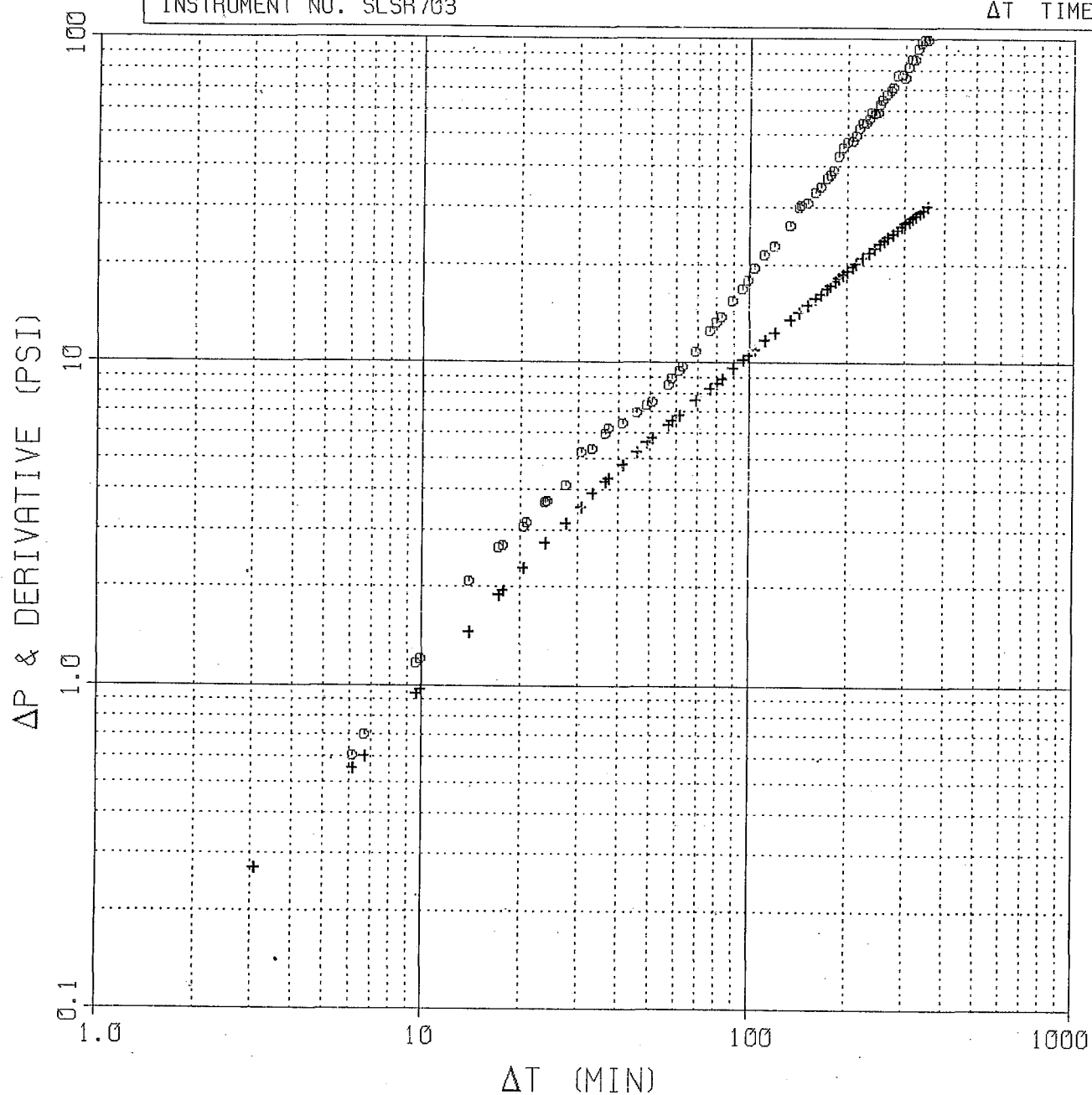
INSTRUMENT NO. SLSR703

SHUTIN #2 : PRODUCING TIME (T_p): 106.8 MIN

FINAL FLOW PRESSURE (P_{wf}): 45 PSIA

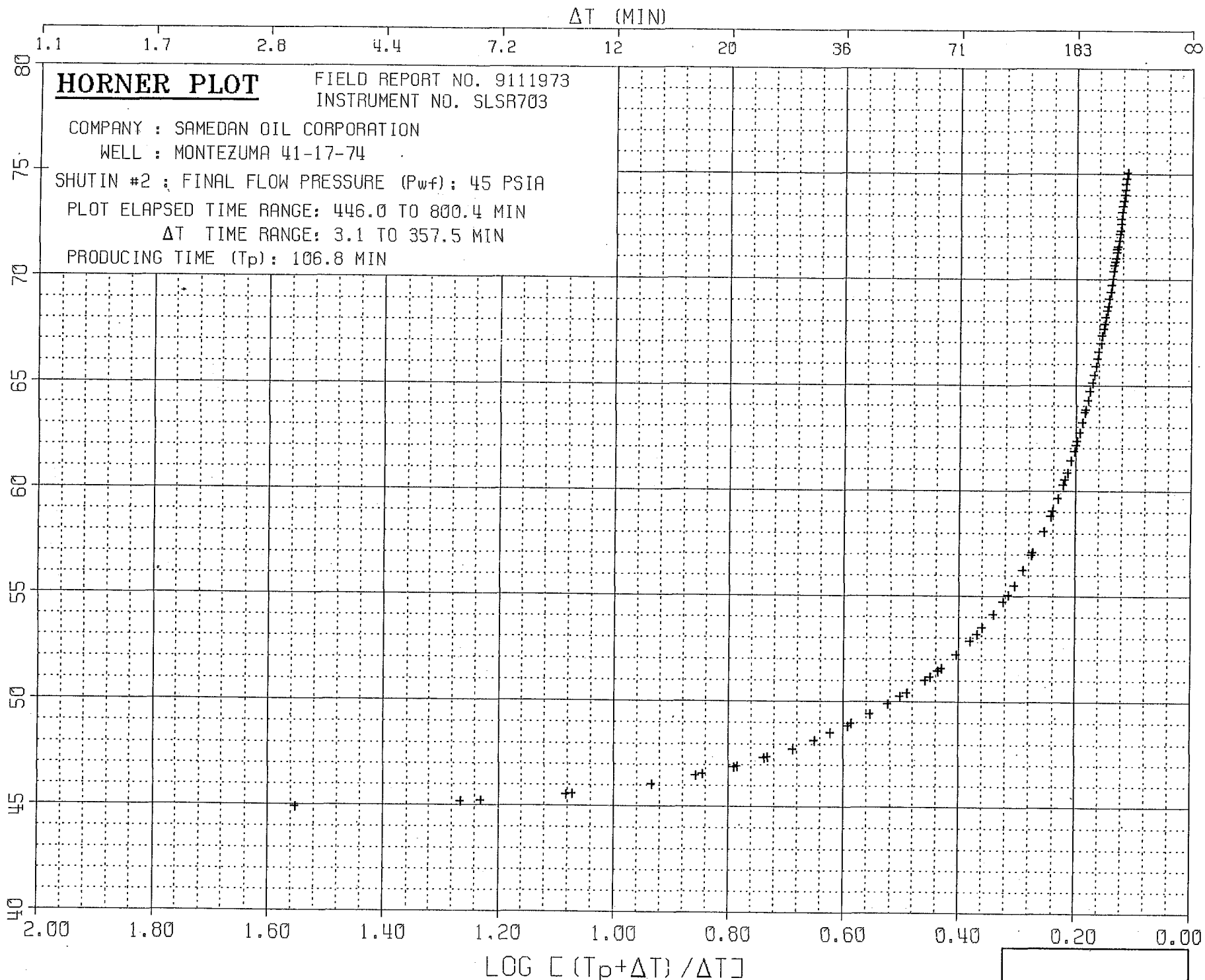
PLOT ELAPSED TIME RANGE: 446.0 TO 800.4 MIN

ΔT TIME RANGE: 3.1 TO 357.5 MIN



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PRESSURE (PSIA)



PRESSURE (PSIA)

ΔT (MIN)

HORNER PLOT

FIELD REPORT NO. 9111973

INSTRUMENT NO. SLSR703

COMPANY : SAMEDAN OIL CORPORATION

WELL : MONTEZUMA 41-17-74

SHUTIN #1 : FINAL FLOW PRESSURE (P_{wf}): 49 PSIA

PLOT ELAPSED TIME RANGE: 261.2 TO 349.6 MIN

ΔT TIME RANGE: 1.3 TO 89.7 MIN

PRODUCING TIME (T_p): 15.6 MIN

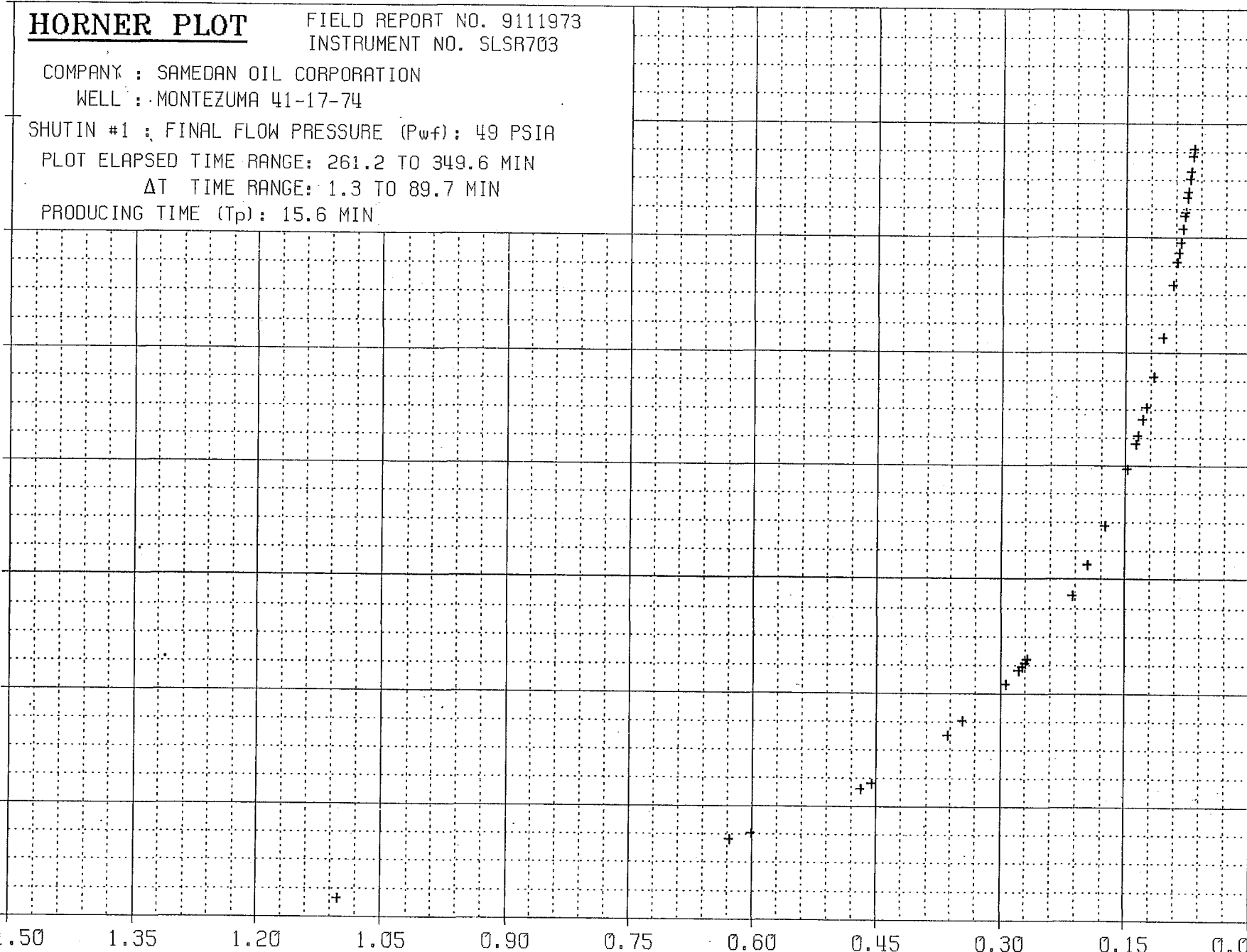
82
78
74
70
66
62
58
54
50

0.51 0.73 1.1 1.5 2.2 3.4 5.2 8.6 16 36 80

1.50 1.35 1.20 1.05 0.90 0.75 0.60 0.45 0.30 0.15 0.00

$\text{LOG} [(T_p + \Delta T) / \Delta T]$

Schlumberger



 ** WELL TEST DATA PRINTOUT **

COMPANY: SAMEDAN OIL CORPORATION
 WELL: MONTEZUMA 41-17-74

FIELD REPORT NO. 9111973
 INSTRUMENT NO. SLSR703

RECORDER CAPACITY: 10000 PSI PORT OPENING: OUTSIDE DEPTH: 5922 FT

LABEL POINT INFORMATION

	TIME OF DAY	DATE		ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
#	HH:MM:SS	DD-MMM	EXPLANATION			
1	19:26:21	27-JUL	HYDROSTATIC MUD	239.35	3100.44	126.90
2	19:31:17	27-JUL	START FLOW	244.28	46.97	127.11
3	19:46:53	27-JUL	END FLOW & START SHUT-IN	259.88	49.16	128.17
4	21:16:37	27-JUL	END SHUT-IN	349.62	77.10	131.58
5	21:18:45	27-JUL	START FLOW	351.75	39.67	131.63
6	22:49:57	27-JUL	END FLOW & START SHUT-IN	442.95	44.61	133.16
7	4:47:25	28-JUL	END SHUT-IN	800.42	75.04	135.90
8	4:53:01	28-JUL	HYDROSTATIC MUD	806.02	3055.65	137.57

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	244.28	259.88	15.60	46.97	49.16	46.97
2	351.75	442.95	91.20	39.67	44.61	39.67

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	259.88	349.62	89.74	49.16	77.10	49.16	15.60
2	442.95	800.42	357.47	44.61	75.04	44.61	106.80

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
19:31:17	27-JUL	244.28	0.00	127.11	46.97
19:46:37	27-JUL	259.62	15.34	128.16	49.76
19:46:53	27-JUL	259.88	15.60	128.17	49.16

TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 49.16 PSIA
PRODUCING TIME = 15.60 MIN

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
19:46:53	27-JUL	259.88	0.00	128.17	49.16	0.00	
19:48:13	27-JUL	261.22	1.34	128.28	50.64	1.48	1.1018
19:51:41	27-JUL	264.68	4.80	128.59	52.83	3.67	0.6284
19:54:53	27-JUL	267.88	8.00	128.82	54.63	5.47	0.4698
19:58:45	27-JUL	271.75	11.87	129.06	56.53	7.37	0.3644
20:03:01	27-JUL	276.02	16.14	129.29	58.31	9.15	0.2937
20:05:01	27-JUL	278.02	18.14	129.40	59.09	9.93	0.2695
20:11:25	27-JUL	284.42	24.54	129.69	61.42	12.26	0.2137
20:14:13	27-JUL	287.22	27.34	129.79	62.51	13.35	0.1961
20:18:21	27-JUL	291.35	31.47	129.94	63.89	14.73	0.1748
20:25:17	27-JUL	298.28	38.40	130.21	65.86	16.70	0.1481
20:31:33	27-JUL	304.55	44.67	130.41	67.64	18.48	0.1301
20:37:17	27-JUL	310.28	50.40	130.57	69.12	19.96	0.1171
20:43:01	27-JUL	316.02	56.14	130.73	70.49	21.33	0.1065
20:51:41	27-JUL	324.68	64.80	130.98	72.33	23.17	0.0937
20:57:01	27-JUL	330.02	70.14	131.13	73.47	24.31	0.0872
21:03:33	27-JUL	336.55	76.67	131.27	74.74	25.58	0.0804
21:10:37	27-JUL	343.62	83.74	131.45	76.03	26.87	0.0742
21:16:37	27-JUL	349.62	89.74	131.58	77.10	27.94	0.0696

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
21:18:45	27-JUL	351.75	0.00	131.63	39.67
21:34:37	27-JUL	367.62	15.87	131.95	45.73
21:50:29	27-JUL	383.48	31.73	132.26	45.25
22:07:49	27-JUL	400.82	49.07	132.55	44.94
22:22:53	27-JUL	415.88	64.13	132.78	44.89
22:37:57	27-JUL	430.95	79.20	133.00	46.04
22:49:57	27-JUL	442.95	91.20	133.16	44.61

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 44.61 PSIA
PRODUCING TIME = 106.80 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
22:49:57	27-JUL	442.95	0.00	133.16	44.61	0.00	
22:53:01	27-JUL	446.02	3.07	133.20	44.88	0.27	1.5537
22:56:05	27-JUL	449.08	6.13	133.23	45.16	0.55	1.2654
22:59:33	27-JUL	452.55	9.60	133.27	45.55	0.94	1.0837
23:03:57	27-JUL	456.95	14.00	133.32	46.06	1.45	0.9359
23:07:09	27-JUL	460.15	17.20	133.36	46.49	1.88	0.8579
23:10:29	27-JUL	463.48	20.53	133.41	46.90	2.29	0.7925
23:13:49	27-JUL	466.82	23.87	133.45	47.33	2.72	0.7383
23:17:33	27-JUL	470.55	27.60	133.50	47.75	3.14	0.6875
23:20:37	27-JUL	473.62	30.67	133.52	48.13	3.52	0.6515
23:26:29	27-JUL	479.48	36.53	133.61	48.84	4.23	0.5937
23:31:33	27-JUL	484.55	41.60	133.65	49.43	4.82	0.5523
23:38:53	27-JUL	491.88	48.93	133.74	50.22	5.61	0.5028
23:46:37	27-JUL	499.62	56.67	133.83	50.98	6.37	0.4601
23:52:37	27-JUL	505.62	62.67	133.90	51.57	6.96	0.4320
23:59:01	27-JUL	512.02	69.07	133.95	52.19	7.58	0.4059
0:05:57	28-JUL	518.95	76.00	134.02	52.83	8.22	0.3812
0:12:37	28-JUL	525.62	82.67	134.10	53.47	8.86	0.3602
0:19:33	28-JUL	532.55	89.60	134.17	54.12	9.51	0.3408
0:26:05	28-JUL	539.08	96.13	134.22	54.73	10.12	0.3245
0:34:13	28-JUL	547.22	104.27	134.29	55.49	10.88	0.3063
0:42:05	28-JUL	555.08	112.13	134.37	56.23	11.62	0.2906
0:49:49	28-JUL	562.82	119.87	134.44	56.94	12.33	0.2767
1:03:17	28-JUL	576.28	133.33	134.55	58.08	13.47	0.2555
1:11:33	28-JUL	584.55	141.60	134.62	58.81	14.20	0.2441
1:21:17	28-JUL	594.28	151.33	134.69	59.65	15.04	0.2319
1:28:53	28-JUL	601.88	158.93	134.76	60.29	15.68	0.2232
1:35:33	28-JUL	608.55	165.60	134.80	60.85	16.24	0.2161
1:42:29	28-JUL	615.48	172.53	134.85	61.41	16.80	0.2093
1:47:41	28-JUL	620.68	177.73	134.89	61.84	17.23	0.2044
1:53:57	28-JUL	626.95	184.00	134.94	62.34	17.73	0.1988
2:10:13	28-JUL	643.22	200.27	135.05	63.68	19.07	0.1856
2:28:05	28-JUL	661.08	218.13	135.16	65.09	20.48	0.1731
2:43:09	28-JUL	676.15	233.20	135.27	66.25	21.64	0.1638
3:01:41	28-JUL	694.68	251.73	135.37	67.63	23.02	0.1536
3:17:49	28-JUL	710.82	267.87	135.46	68.83	24.22	0.1457
3:34:29	28-JUL	727.48	284.53	135.55	70.02	25.41	0.1384
3:51:49	28-JUL	744.82	301.87	135.64	71.25	26.64	0.1316
4:07:33	28-JUL	760.55	317.60	135.72	72.32	27.71	0.1259
4:23:49	28-JUL	776.82	333.87	135.79	73.45	28.84	0.1205
4:39:09	28-JUL	792.15	349.20	135.86	74.51	29.90	0.1159
4:47:25	28-JUL	800.42	357.47	135.90	75.04	30.43	0.1135

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 9111973

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR704

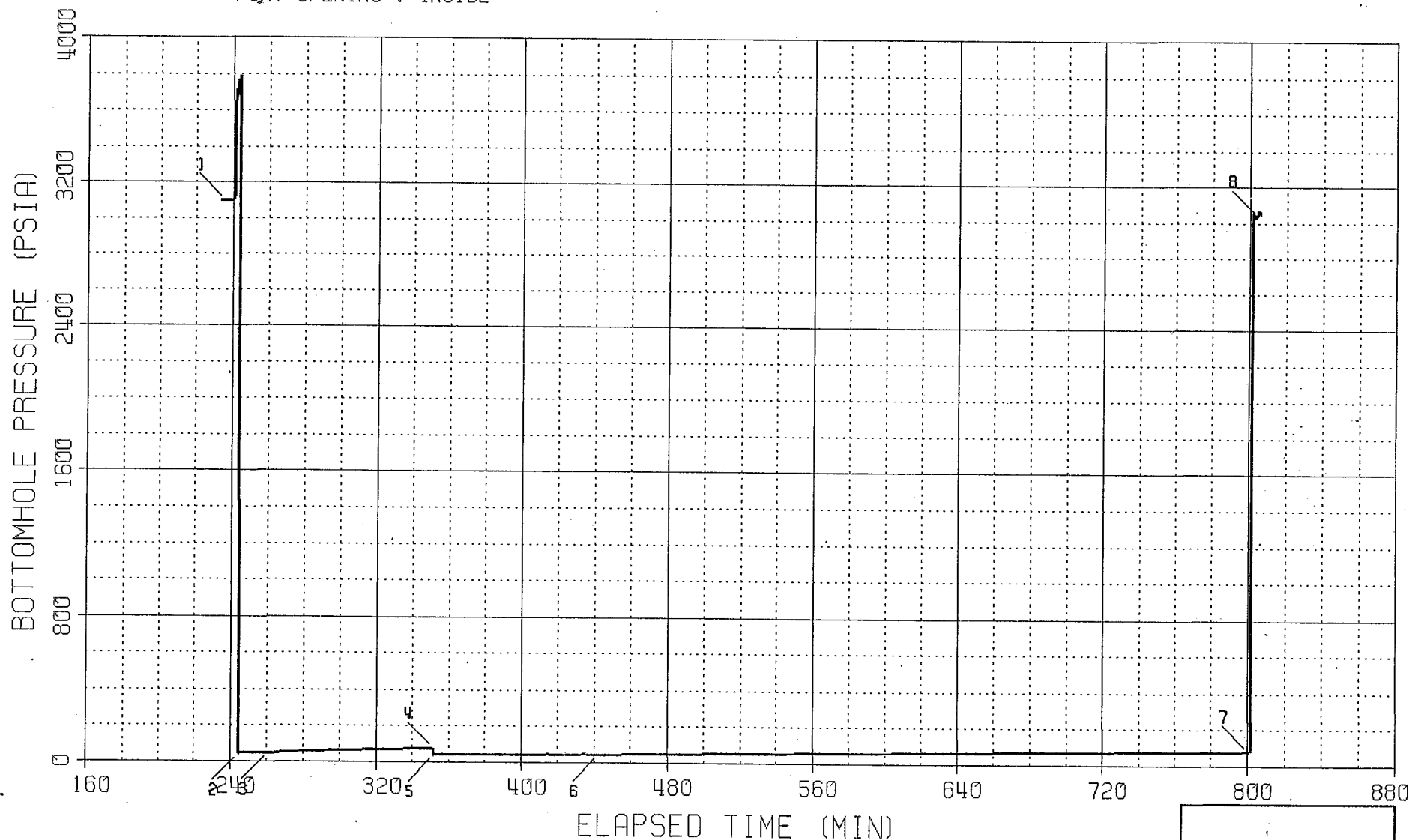
WELL : MONTEZUMA 41-17-74

DEPTH : 5928 FT

CAPACITY : 10000 PSI

Electronic Pressure Data

PORT OPENING : INSIDE



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BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 9111973

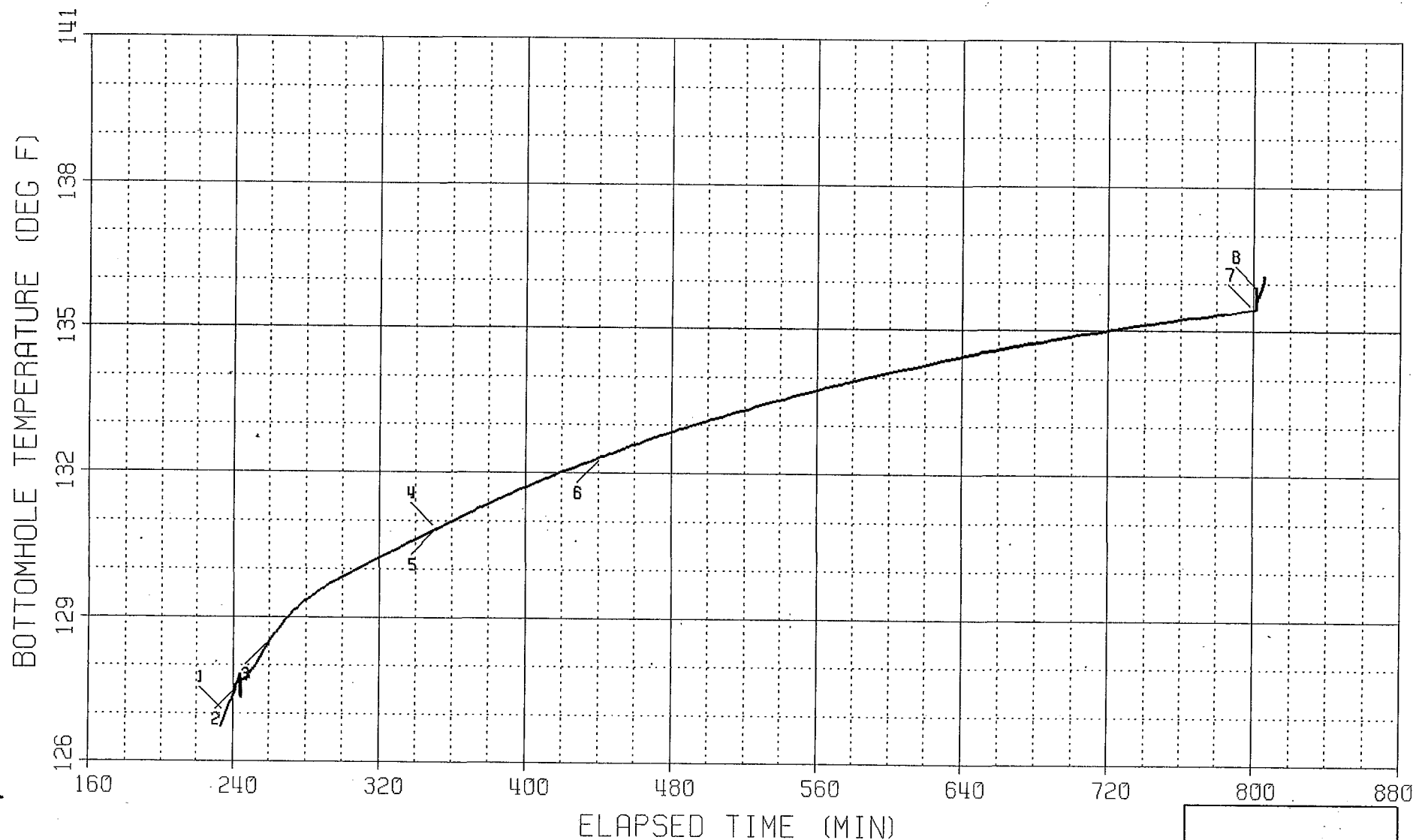
COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR704

WELL : MONTEZUMA 41-17-74

DEPTH : 5928 FT

Electronic Temperature Data



Schlumberger

LOG LOG PLOT

COMPANY : SAMEDAN OIL CORPORATION

WELL : MONTEZUMA 41-17-74

FIELD REPORT NO. 9111973

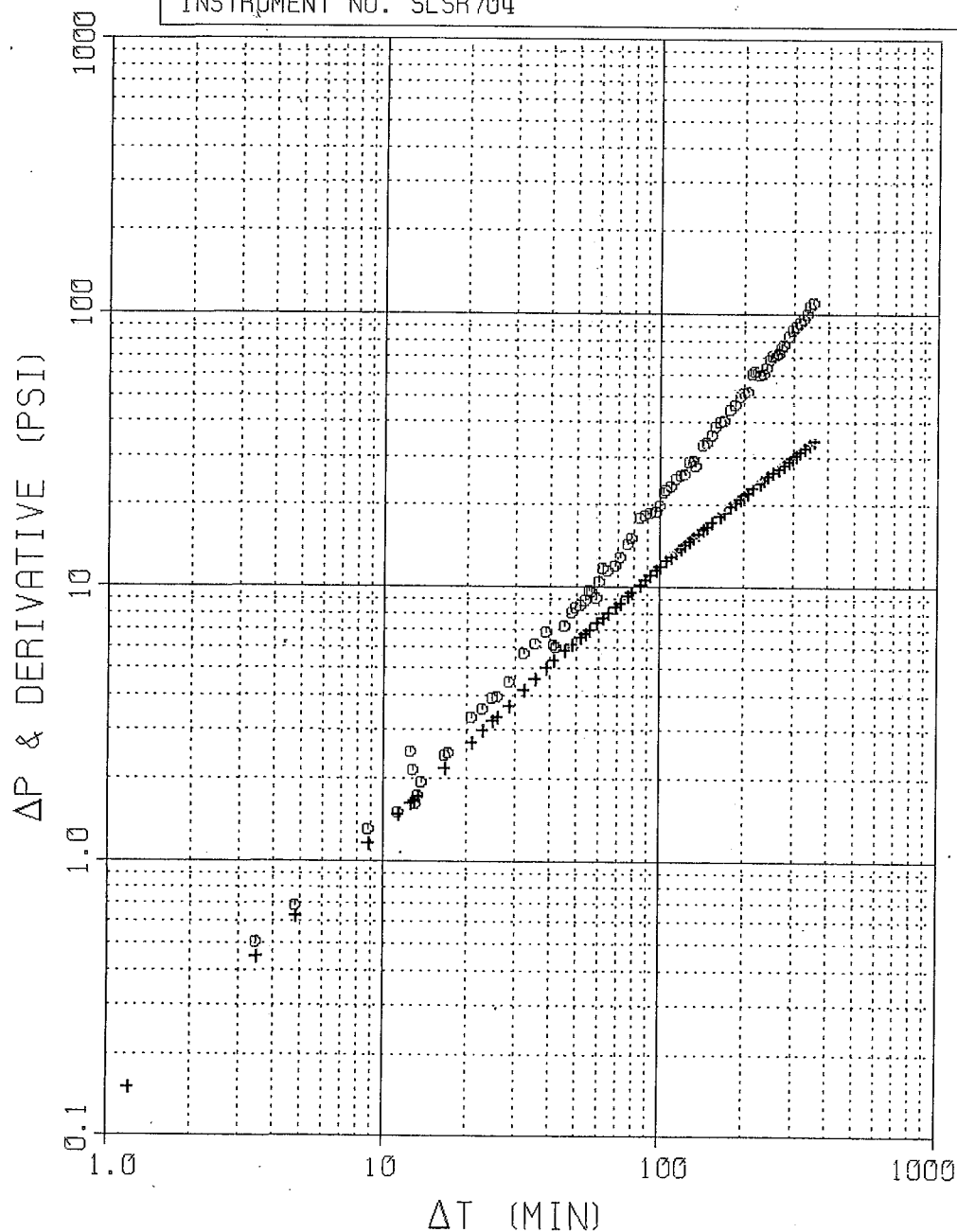
INSTRUMENT NO. SLSR704

SHUTIN #2 : PRODUCING TIME (T_p): 107.2 MIN

FINAL FLOW PRESSURE (P_{wf}): 42 PSIA

PLOT ELAPSED TIME RANGE: 443.6 TO 800.7 MIN

ΔT TIME RANGE: 1.2 TO 358.3 MIN



Schlumberger

PRESSURE (PSIA)

ΔT (MIN)

HORNER PLOT

FIELD REPORT NO. 9111973

INSTRUMENT NO. SLSR704

COMPANY : SAMEDAN OIL CORPORATION

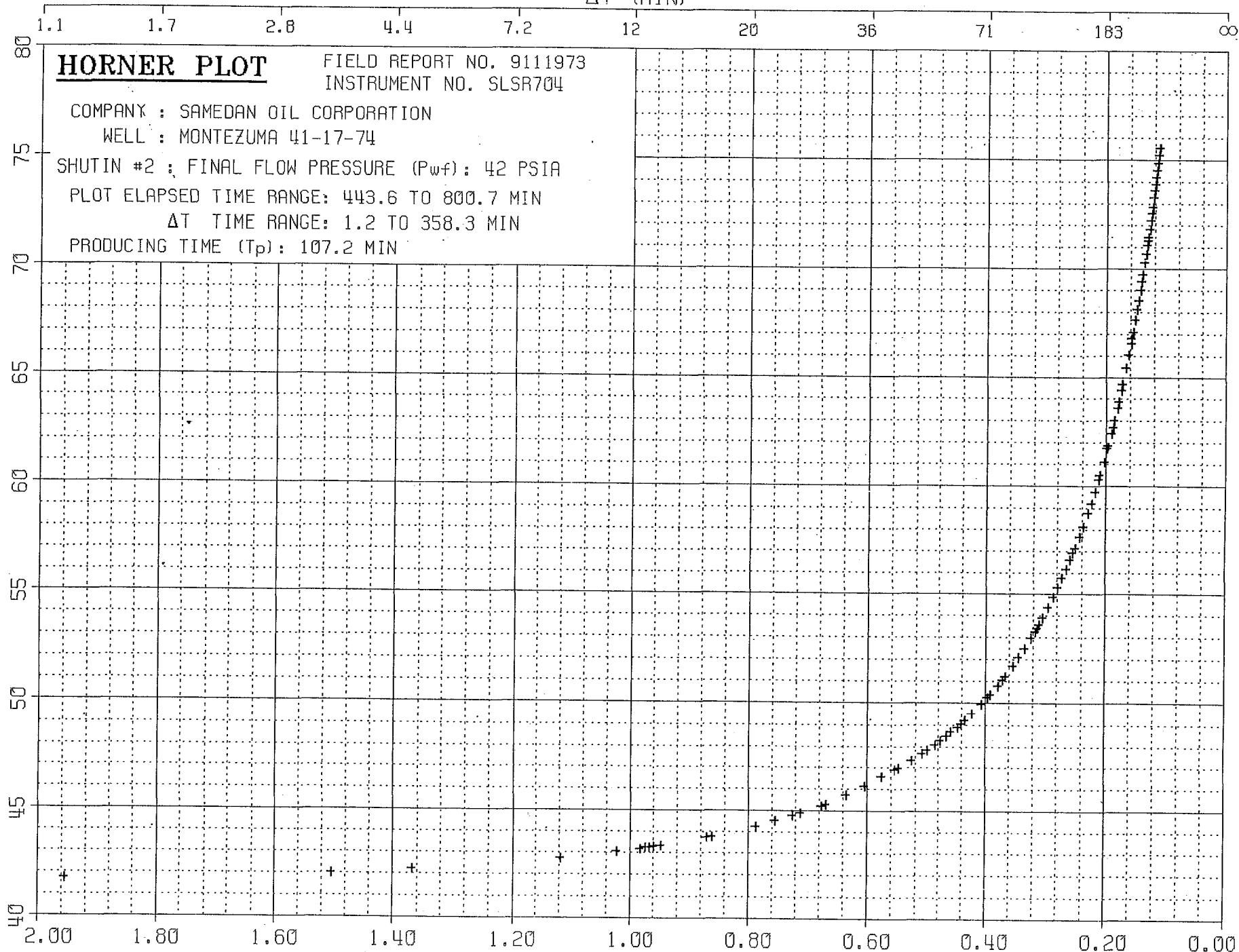
WELL : MONTEZUMA 41-17-74

SHUTIN #2 : FINAL FLOW PRESSURE (P_{wf}) : 42 PSIA

PLOT ELAPSED TIME RANGE: 443.6 TO 800.7 MIN

ΔT TIME RANGE: 1.2 TO 358.3 MIN

PRODUCING TIME (T_p) : 107.2 MIN



LOG $[(T_p + \Delta T) / \Delta T]$

Schlumberger

PRESSURE (PSIA)

ΔT (MIN)

HORNER PLOT

FIELD REPORT NO. 9111973

INSTRUMENT NO. SLSR704

COMPANY : SAMEDAN OIL CORPORATION

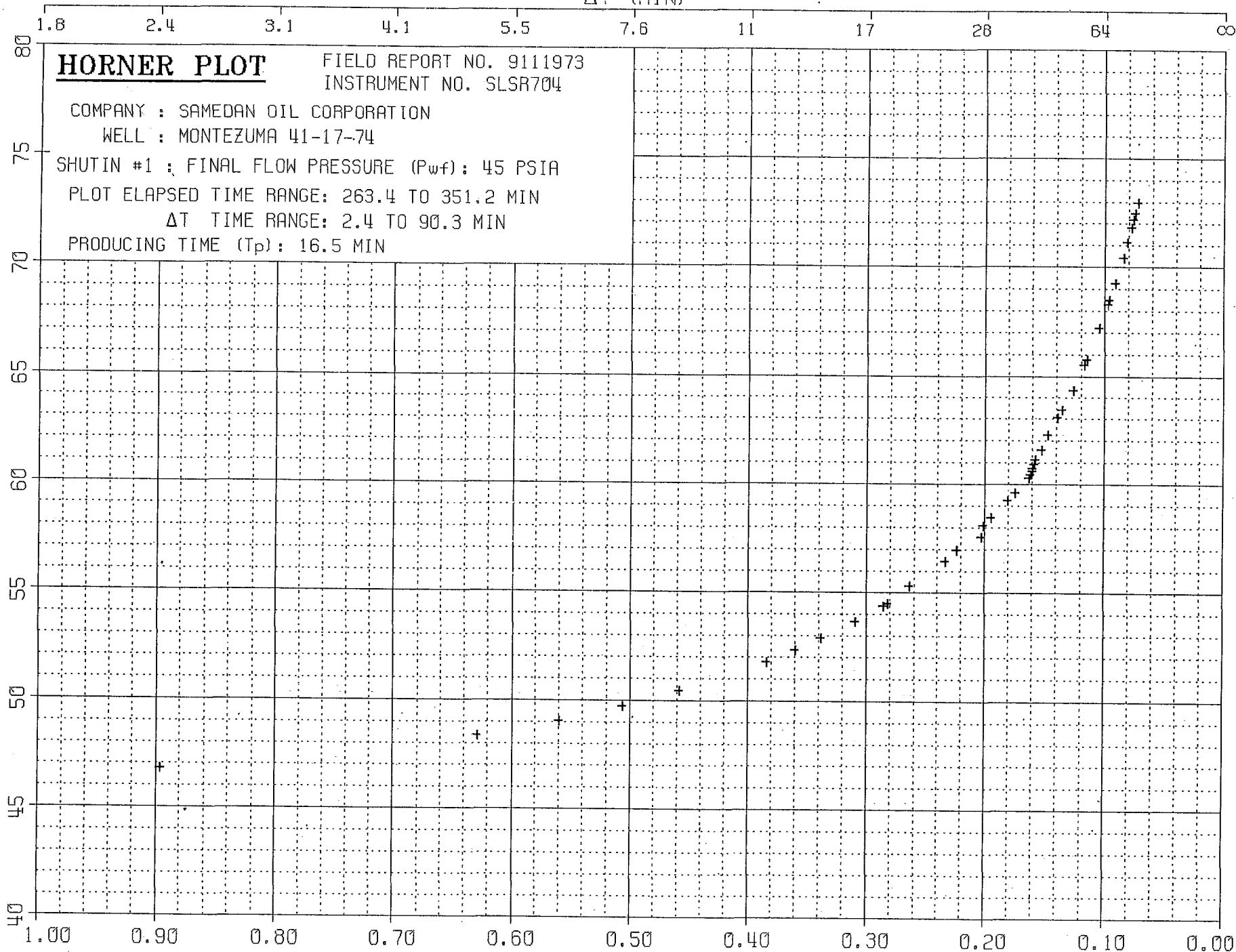
WELL : MONTEZUMA 41-17-74

SHUTIN #1 : FINAL FLOW PRESSURE (P_{wf}) : 45 PSIA

PLOT ELAPSED TIME RANGE: 263.4 TO 351.2 MIN

ΔT TIME RANGE: 2.4 TO 90.3 MIN

PRODUCING TIME (T_p) : 16.5 MIN



Schlumberger

 ** WELL TEST DATA PRINTOUT **

COMPANY: SAMEDAN OIL CORPORATION
 WELL: MONTEZUMA 41-17-74

FIELD REPORT NO. 9111973
 INSTRUMENT NO. SLSR704

RECORDER CAPACITY: 10000 PSI PORT OPENING: INSIDE DEPTH: 5928 FT

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
1	19:22:53	27-JUL	HYDROSTATIC MUD	235.88	3098.81	127.00
2	19:31:25	27-JUL	START FLOW	244.42	39.56	127.63
3	19:47:57	27-JUL	END FLOW & START SHUT-IN	260.95	45.35	128.55
4	21:18:13	27-JUL	END SHUT-IN	351.22	72.94	130.82
5	21:18:45	27-JUL	START FLOW	351.75	35.71	130.84
6	22:49:25	27-JUL	END FLOW & START SHUT-IN	442.42	41.56	132.33
7	4:47:41	28-JUL	END SHUT-IN	800.68	75.61	135.45
8	4:51:01	28-JUL	HYDROSTATIC MUD	804.02	3035.85	135.82

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	244.42	260.95	16.53	39.56	45.35	39.56
2	351.75	442.42	90.67	35.71	41.56	35.71

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	260.95	351.22	90.27	45.35	72.94	45.35	16.53
2	442.42	800.68	358.26	41.56	75.61	41.56	107.20

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
19:31:25	27-JUL	244.42	0.00	127.63	39.56
19:47:57	27-JUL	260.95	16.53	128.55	45.35

TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 45.35 PSIA
PRODUCING TIME = 16.53 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNERS TIME
19:47:57	27-JUL	260.95	0.00	128.55	45.35	0.00	
19:50:21	27-JUL	263.35	2.40	128.68	46.77	1.42	0.8969
19:53:01	27-JUL	266.02	5.07	128.82	48.35	3.00	0.6294
19:54:13	27-JUL	267.22	6.27	128.88	49.02	3.67	0.5607
19:55:25	27-JUL	268.42	7.47	128.93	49.72	4.37	0.5069
19:56:45	27-JUL	269.75	8.80	128.98	50.42	5.07	0.4592
19:59:33	27-JUL	272.55	11.60	129.11	51.75	6.40	0.3847
20:01:57	27-JUL	274.95	14.00	129.18	52.88	7.53	0.3386
20:05:41	27-JUL	278.68	17.73	129.31	54.39	9.04	0.2861
20:07:41	27-JUL	280.68	19.73	129.36	55.30	9.95	0.2643
20:11:09	27-JUL	284.15	23.20	129.45	56.43	11.08	0.2336
20:15:41	27-JUL	288.68	27.73	129.58	57.53	12.18	0.2031
20:19:49	27-JUL	292.82	31.87	129.69	59.25	13.90	0.1815
20:24:53	27-JUL	297.88	36.93	129.79	60.60	15.25	0.1606
20:31:33	27-JUL	304.55	43.60	129.92	63.04	17.69	0.1396
20:36:53	27-JUL	309.88	48.93	130.03	64.34	18.99	0.1264
20:42:13	27-JUL	315.22	54.27	130.14	65.74	20.39	0.1155
20:48:21	27-JUL	321.35	60.40	130.26	67.21	21.86	0.1051
20:53:25	27-JUL	326.42	65.47	130.35	68.29	22.94	0.0978
20:58:45	27-JUL	331.75	70.80	130.46	69.25	23.90	0.0911
21:04:21	27-JUL	337.35	76.40	130.57	70.43	25.08	0.0851
21:11:41	27-JUL	344.68	83.73	130.69	71.81	26.46	0.0782
21:18:13	27-JUL	351.22	90.27	130.82	72.94	27.59	0.0730

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
21:18:45	27-JUL	351.75	0.00	130.84	35.71
21:33:57	27-JUL	366.95	15.20	131.11	41.49
21:53:01	27-JUL	386.02	34.27	131.45	41.75
22:13:25	27-JUL	406.42	54.67	131.79	42.27
22:31:25	27-JUL	424.42	72.67	132.08	42.17
22:46:37	27-JUL	439.62	87.87	132.30	41.46
22:49:25	27-JUL	442.42	90.67	132.33	41.56

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 41.56 PSIA
PRODUCING TIME = 107.20 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
22:49:25	27-JUL	442.42	0.00	132.33	41.56	0.00	
22:50:37	27-JUL	443.62	1.20	132.35	41.71	0.15	1.9559
22:52:53	27-JUL	445.88	3.46	132.39	42.01	0.45	1.5049
22:54:13	27-JUL	447.22	4.80	132.40	42.19	0.63	1.3680
22:58:13	27-JUL	451.22	8.80	132.46	42.71	1.15	1.1200
23:00:37	27-JUL	453.62	11.20	132.49	43.03	1.47	1.0241
23:02:37	27-JUL	455.62	13.20	132.53	43.28	1.72	0.9601
23:06:05	27-JUL	459.08	16.66	132.57	43.73	2.17	0.8713
23:10:13	27-JUL	463.22	20.80	132.62	44.26	2.70	0.7891
23:12:13	27-JUL	465.22	22.80	132.66	44.53	2.97	0.7560
23:14:13	27-JUL	467.22	24.80	132.67	44.78	3.22	0.7261
23:17:57	27-JUL	470.95	28.53	132.73	45.22	3.66	0.6774
23:21:41	27-JUL	474.68	32.26	132.78	45.72	4.16	0.6358
23:28:05	27-JUL	481.08	38.66	132.85	46.56	5.00	0.5767
23:34:45	27-JUL	487.75	45.33	132.94	47.33	5.77	0.5270
23:41:17	27-JUL	494.28	51.86	133.02	48.08	6.52	0.4867
23:46:21	27-JUL	499.35	56.93	133.07	48.65	7.09	0.4598
23:51:25	27-JUL	504.42	62.00	133.14	49.19	7.63	0.4360
23:58:13	27-JUL	511.22	68.80	133.21	49.93	8.37	0.4079
0:05:57	28-JUL	518.95	76.53	133.30	50.77	9.21	0.3803
0:14:05	28-JUL	527.08	84.66	133.39	51.67	10.11	0.3553
0:21:25	28-JUL	534.42	92.00	133.47	52.50	10.94	0.3355
0:28:37	28-JUL	541.62	99.20	133.54	53.26	11.70	0.3182
0:34:13	28-JUL	547.22	104.80	133.61	53.88	12.32	0.3060
0:43:33	28-JUL	556.55	114.13	133.70	54.86	13.30	0.2876
0:52:05	28-JUL	565.08	122.66	133.79	55.74	14.18	0.2728
1:00:29	28-JUL	573.48	131.06	133.86	56.60	15.04	0.2596
1:06:05	28-JUL	579.08	136.66	133.92	57.12	15.56	0.2515
1:11:33	28-JUL	584.55	142.13	133.97	57.64	16.08	0.2441
1:23:01	28-JUL	596.02	153.60	134.08	58.74	17.18	0.2299
1:33:01	28-JUL	606.02	163.60	134.15	59.72	18.16	0.2189
1:38:45	28-JUL	611.75	169.33	134.20	60.27	18.71	0.2130
1:47:49	28-JUL	620.82	178.40	134.28	61.08	19.52	0.2044
1:54:21	28-JUL	627.35	184.93	134.33	61.71	20.15	0.1986
2:15:17	28-JUL	648.28	205.86	134.49	63.58	22.02	0.1821
2:36:21	28-JUL	669.35	226.93	134.65	65.43	23.87	0.1680
2:52:45	28-JUL	685.75	243.33	134.76	66.78	25.22	0.1585
3:08:53	28-JUL	701.88	259.46	134.87	68.11	26.55	0.1502
3:25:33	28-JUL	718.55	276.13	134.98	69.42	27.86	0.1425
3:41:49	28-JUL	734.82	292.40	135.09	70.70	29.14	0.1356
4:01:33	28-JUL	754.55	312.13	135.19	72.21	30.65	0.1282
4:20:05	28-JUL	773.08	330.66	135.30	73.58	32.02	0.1220
4:37:17	28-JUL	790.28	347.86	135.39	74.82	33.26	0.1167
4:47:41	28-JUL	800.68	358.26	135.45	75.61	34.05	0.1137

Schlumberger

FIELD REPORT

TYPE OF SERVICE
ON BTM STRADDLE

DATE
24-JUL-2002

DISTRICT
HOBBS

Page
1 of 2

WELL OWNER: SAMEDAN OIL CORPORATION

SERVICE ORDER NUMBER: 8992920

REPORTS ADDRESS: 12600 NORTHBOROUGH / SUITE 250 / HOUSTON, TX 77067 ATTN:LYNN HITT/SCOTT STEINKR

WELL NAME & NO.: MONTEZUMA 41-17-74

FIELD: UNETH

LEASE:

LOCATION: 17/37s/24e **43-037-31765**

COUNTY: SAN JUAN

STATE: UTAH

TEST NO. ONE

TEST INTERVAL FROM 5714 FT TO 5764 FT = 50 FT

SURFACE DATA

EQUIPMENT SEQUENCE

DESCRIPTION	DATE	TIME OF DAY	PRESSURE	COMPONENTS	OD	ID	LENGTH	DEPTH
OPEN TO 1/8" BUBBLE HOSE	25-JUL			SURFACE FLOWHEAD				
HYDROSTATIC MUD		04:40		DRILL PIPE 16.6#	4.50	3.82	4258.	
SET PACKERS		04:42		DRILL PIPE 20 #	4.50	3.64	930.8	
FLOW POINT-TOOL OPEN		04:45		DRILL COLLARS-9	6.25	2.25	275.2	
BOTTOM OF BUCKET 15 SEC.				PUMPOUT DISK REVERSING VALVE	6.00	3.00	1.230	
		04:46	2 #	DRILL COLLARS-3	6.25	2.25	90.00	
		04:47	20#	BREAKOFF PIN REVERSING VALVE	6.00	3.00	1.480	
		04:48	60#	DRILL COLLARS-4	6.25	2.25	120.0	
OPEN TO 1/4" CHOKE ONLY		04:49	80#	CROSS OVER SUB	6.25	2.25	1.260	
5 MIN START FLOW		04:50	90#	MFE (MFEV-B)	5.00	0.94	10.02	
8 MINS GAS TO SURFACE		04:53	115#	MFE OH BYPASS (MBYP-B)	5.00	1.18	2.980	
10 MINS		04:55	120#	DC HYDRAULIC JARS	4.75	1.88	7.310	
END FLOW & START SHUT-IN		05:00	130#	SAFETY JOINT (SAJ-BA)	4.75	1.50	2.440	
130# ON 1/4" = 195 MCFD				BOB TAIL PACKER	7.25	1.50	6.120	
OPEN TO 3/4" CHOKE ONLY		05:02		BOB TAIL PACKER	7.25	1.50	7.160	
OPEN TO 1/4" CHOKE ONLY		05:58		PERFORATED ANCHOR	4.75	2.25	14.82	
END SHUT-IN		06:01		DUAL IN/OUT GAUGE HANGER	4.75	1.00	0.760	
FLOW POINT-TOOL OPEN		06:03	0	CROSS OVER SUB	5.75	2.32	1.060	
		06:04	4#	DRILL COLLAR-1	6.25	2.25	28.59	
		06:06	9#	CROSS OVER SUB	5.94	2.37	1.160	
5 MIN START FLOW		06:08	16#	LOWER STRADDLE BYPASS	5.00	0.00	3.610	
10 MIN		06:13	35#	BOB TAIL PACKER	7.25	1.50	7.220	
15 MIN		06:18	45#	BOB TAIL PACKER	7.25	1.50	6.120	
20 MIN		06:23	48#	BLANK PIPE	4.75	2.25	2.470	
25 MIN PRESSURE DROPPING		06:28	46#	INSIDE RECORDER CARRIER	4.88	2.50	7.210	
30 MIN		06:33	43#	CROSS OVER SUB	6.00	2.25	1.120	
35 MIN		06:38	38#	DRILL COLLAR-1	6.25	2.25	29.21	
40 MIN		06:43	31#	CROSS OVER SUB	6.25	2.25	1.180	
45 MIN		06:48	28#	BLANK PIPE	4.75	2.25	15.00	
50 MIN		06:53	23#	OUTSIDE RECORDER CARRIER	4.88	2.50	5.820	
END FLOW & START SHUT-IN		07:03	18#	BULLNOSE	4.75	0.00	0.650	
OPEN TO 3/4" CHOKE ONLY		07:06						
A LAZY 6" FLARE		11:00						
STILL BURNS								
END SHUT-IN		11:08						
PULLED PACKERS LOOSE		11:12						
HYDROSTATIC MUD		11:14						
PULLED TO FLUID								

RECEIVED
AUG 08 2002
DIVISION OF
OIL, GAS AND MINING

RECOVERY DESCRIPTION	FEET	BBLs	OIL GRAVITY	RESISTIVITY	CHLORIDES
HEAVILY GAS					
CUT OIL	405		43.1 °API 60 °F		
EMULSIFIED					
MUD WITH					
20% OIL CUT	500		43.1 °API 60 °F	0.710 OHMS 60 °F	6000 PPM

SERVICE ORDER NUMBER:

8992920

SCHLUMBERGER ENGINEER/TECHNICIAN

BILL GRAYSHAW

FIELD REPORT

TYPE OF SERVICE
ON BTM STRADDLEDATE
24-JUL-2002DISTRICT
HOBBESPage
2 of 2

INSTRUMENT DATA

INSTRUMENT NO.	SLSR-703	SLSR-704	SLSR-1231	J-1237
CAPACITY (PSIG)	10000	10000	10000	9000
DEPTH	5729	5735	5787	5839
INSIDE-OUTSIDE	OUT	IN	IN	OUT
CLOCK CAP.	ELECTRONIC	ELECTRONIC	ELECTRONIC	48 HOURS
TEMPERATURE °F	135	136	136	
I. HYD. PSIG	3040	3036	3067	
I. FLOW PSIG	315-378	313-387	TATTLE TALE TELLS	
I.S.I. PSIG	820	822	GAUGE SHOWS THE	
2nd FLOW PSIG			GOOD SEAT	SAME
2nd S.I. PSIG			LOWER ZONE	STORY
F. FLOW PSIG	273-358	272-363	BUILDS UP	
F.S.I. PSIG	600	606	3385	
F. HYD. PSIG	3026	3030	3059	

MUD DATA

MUD TYPE	F/W GEL-PAC	MUD WT	10.0	#/gal
VISCOSITY	43	WATER LOSS	8.2	CC
RESISTIVITY: OF MUD	@	°F		
RESISTIVITY: OF FILTRATE	0.811 @ 60	°F		
CHLORIDES	5200	PPM		
H2S DURING TEST	0	PPM		

WELL BORE DATA

FORMATION TESTED	LOWER PARADOX
NET PRODUCTIVE INTERVAL	2 ft EST. POROSITY 9 %
ELEVATION	4733 ft DEPTH MEASURED FROM KB
TOTAL MEASURED DEPTH	5840 ft
O H SIZE	7.875 in
CASING SIZE	8.62 @ 1983'
LINER SIZE	
PERF INTERVAL FROM	ft TO ft
SHOT DENSITY	

CUSHION	LENGTH	AMOUNT	SURFACE PRESS	BOTTOM CHOKE SIZE
NONE				0.94

SAMPLER DATA

RECOVERY	RESISTIVITY	CHLORIDES
GAS 2.53 C.F.	RECOVERED WATER @ deg F	PPM
OIL 10 C.C.	RECOVERED MUD @ deg F	
WATER 0 C.C.	REC.MUD FILTRATE @ deg F	PPM
MUD 0 C.C.	PIT MUD @ deg F	
GRAVITY °API °F	PIT MUD FILTRATE @ deg F	PPM
GOR -25352 C.F./BBL	SAMPLER PRESSURE 380 psig	

REMARKS:

We had a successful straddle test. The total recovery was 7.5 bbls. There was 5 bbls. of heavily gas cut oil at the top, with about 50% gas in it. The bottom was 2.5 bbls. of moderately emulsified mud with about a 20% oil cut to it. The tattle gauge below the packers showed a good packer seat, but also shows a build up from the bottom zone.

SERVICE ORDER NUMBER:

8992920

SCHLUMBERGER ENGINEER/TECHNICIAN

BILL GRAYSHAW

REPORT NO.
8992920

PAGE NO. 1

TEST DATE:
24-JUL-2002

STAR

Schlumberger Testing Data Report Pressure Data Report

Schlumberger

COMPANY: SAMEDAN OIL CORPORATION

WELL: MONTEZUMA 41-17-74

TEST IDENTIFICATION

Test Type ON BTM STRADDLE
Test No. ONE
Formation LOWER PARADOX
Test Interval (ft) 5714 to 5764
Depth Reference KB

WELL LOCATION

Field UNETH
County SAN JUAN
State UTAH
Sec/Twn/Rng 17/37e/24e
Elevation (ft) 4733

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 5840
Hole Size (in) 7.875
Casing/Liner I.D. (in) 8.62 @ 1983'
Perf'd Interval/Net Pay (ft) .. / 2
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type F/W GEL-PAC
Mud Weight (lb/gal) 10.0
Mud Resistivity (ohm.m)
Filtrate Resistivity (ohm.m) .. 0.811 @ 60F
Filtrate Chlorides (ppm) 5200

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 3040.29
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 5189 / 3.64
Collar Length (ft)/I.D. (in) .. 543 / 2.25
Packer Depths (ft)
Bottomhole Choke Size (in) ... 0.94
Gauge Depth (ft)/Type 5729/SLSR-703

NET PIPE RECOVERY

Volume	Fluid Type	Properties
	HEAVILY GAS	
405 ft	CUT OIL	API 43.1@60F
	EMULSIFIED	
	MUD WITH	
500 ft	20% OIL CUT	API 43.1@60FRw0.7100

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
2.53 cuft	Gas	
10 cc	Oil	
0 cc	Water	
0 cc	Mud	
Pressure: 380		GOR: 40184 GLR: 40184

INTERPRETATION RESULTS

Model of Behavior
Fluid Type Used for Analysis..
Reservoir Pressure (psi)
Transmissibility (md.ft/cp) ..
Effective Permeability (md) ..
Skin Factor/Damage Ratio
Storativity Ratio, Omega
Interporos.Flow Coef., Lambda..
Distance to an Anomaly (ft) ..
Radius of Investigation (ft)..
Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API)
Basic Solids (%)
Gas Gravity
GOR (scf/STB)
Water Cut (%)
Viscosity (cp)
Total Compressibility (1/psi).
Porosity (%) 9
Reservoir Temperature (F) 135
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

We had a successful straddle test. The total recovery was 7.5 bbls. There was 5 bbls. of heavily gas cut oil at the top, with about 50% gas in it. The bottom was 2.5 bbls. of moderately emulsified mud with about a 20% oil cut to it. The tattle gauge below the packers showed a good packer seat, but also shows a build up from the bottom zone.

WELL TEST INTERPRETATION REPORT #:8992920		PAGE: 2,
CLIENT : SAMEKAN OIL CORPORATION		3-AUG-88
REGION :CSD	SEQUENCE OF EVENTS	FIELD:UNETH
DISTRICT:HOBBS		ZONE :LOWER PARADOX
BASE :MIDLAND		WELL :MONTZMA 41-17
ENGINEER:BILL GRAYSHAW		LOCATION:17/37s/24e

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
25-JUL		OPEN TO 1/8" BUBBLE HOSE			
	04:40	HYDROSTATIC MUD	-10	3040	
	04:42	SET PACKERS	-8		
	04:45	FLOW POINT-TOOL OPEN	-5		
		BOTTOM OF BUCKET 15 SEC.			
	04:46		-4		2 #
	04:47		-3		20#
	04:48		-2		60#
	04:49	OPEN TO 1/4" CHOKE ONLY	-1		80#
	04:50	5 MIN START FLOW	0	315	90#
	04:53	8 MINS GAS TO SURFACE	3		115#
	04:55	10 MINS	5		120#
	05:00	END FLOW & START SHUT-IN	10	379	130#
		130# ON 1/4" = 195 MCFD			
	05:02	OPEN TO 3/4" CHOKE ONLY	12		
	05:58	OPEN TO 1/4" CHOKE ONLY	68		
	06:01	END SHUT-IN	71	820	
	06:03	FLOW POINT-TOOL OPEN	73		0
	06:04		74		4#
	06:06		76		9#
	06:08	5 MIN START FLOW	78	273	16#
	06:13	10 MIN	83		35#
	06:18	15 MIN	88		45#
	06:23	20 MIN	93		48#
	06:28	25 MIN PRESSURE DROPPING	98		46#
	06:33	30 MIN	103		43#
	06:38	35 MIN	108		38#
	06:43	40 MIN	113		31#
	06:48	45 MIN	118		28#
	06:53	50 MIN	123		23#
	07:03	END FLOW & START SHUT-IN	133	358	18#

Continued next page

WELL TEST INTERPRETATION REPORT #:8992920		PAGE: 3,
CLIENT : SAMEDAN OIL CORPORATION		3-AUG-**
REGION :CSD	SEQUENCE OF EVENTS Continued	FIELD:UNETH
DISTRICT:HOBBS		ZONE :LOWER PARADOX
BASE :MIDLAND		WELL :MONTZMA 41-17
ENGINEER:BILL GRAYSHAW		LOCATION:17/37s/24e

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
	07:06	OPEN TO 3/4" CHOKE ONLY	136		
	11:00	A LAZY 6" FLARE STILL BURNS	370		
	11:08	END SHUT-IN	378	600	
	11:12	PULLED PACKERS LOOSE	382		
	11:14	HYDROSTATIC MUD PULLED TO FLUID	384	3026	

WELL TEST INTERPRETATION REPORT #:8992920		PAGE: 12,
CLIENT : SAMEDAN OIL CORPORATION		3-AUG-88
REGION :CSD	DISTRIBUTION OF REPORTS	FIELD:UNETH
DISTRICT:HOBBS		ZONE :LOWER PARADOX
BASE :MIDLAND		WELL :MONTZMA 41-17
ENGINEER:BILL GRAYSHAW		LOCATION:17/37s/24e

SCHLUMBERGER has sent copies of this report to the following:

SAMEDAN OIL CORPORATION
12600 NORTHBOROUGH
SUITE 250
HOUSTON, TX 77067
Attn: LYNN HITT/SCOTT STEINKE
(6 copies)

EVERGREEN RESOURCES
1401 SEVENTEENTH STREET
SUITE 1200
DENVER, CO 80202
Attn: DENNIS CARLTON
(1 copy)

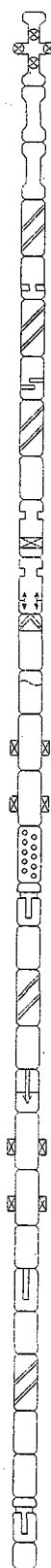
ROBERT G. GRUNDY
22226 MEADOW VIEW ROAD
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MOAB, UT 84532
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SALT LAKE CITY, UT 84114
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SAMEDAN OIL CORPORATION
MONTEZUMA 41-17-74
TOOL STRING SCHEMATIC



TOOL DESCRIPTION	OD	ID	LENGTH	DEPTH
SURFACE FLOWHEAD				0
DRILL PIPE 16.6#	4.50	3.82	4258.	4258
DRILL PIPE 20 #	4.50	3.64	930.8	5188.8
DRILL COLLARS-9	6.25	2.25	275.2	5464
PUMPOUT DISK REVERSING VALVE	6.00	3.00	1.230	5465.23
DRILL COLLARS-3	6.25	2.25	90.00	5555.23
BREAKOFF PIN REVERSING VALVE	6.00	3.00	1.480	5556.71
DRILL COLLARS-4	6.25	2.25	120.0	5676.71
CROSS OVER SUB	6.25	2.25	1.260	5677.97
MFE (MFEV-B)	5.00	0.94	10.02	5687.99
MFE OH BYPASS (MBYP-B)	5.00	1.18	2.980	5690.97
DC HYDRAULIC JARS	4.75	1.88	7.310	5698.28
SAFETY JOINT (SAJ-BA)	4.75	1.50	2.440	5700.72
BOB TAIL PACKER	7.25	1.50	6.120	5706.84
BOB TAIL PACKER	7.25	1.50	7.160	5714
PERFORATED ANCHOR	4.75	2.25	14.82	5728.82
DUAL IN/OUT GAUGE HANGER	4.75	1.00	0.760	5729.58
CROSS OVER SUB	5.75	2.32	1.060	5730.64
DRILL COLLAR-1	6.25	2.25	28.59	5759.23
CROSS OVER SUB	5.94	2.37	1.160	5760.39
LOWER STRADDLE BYPASS	5.00	0.00	3.610	5764
BOB TAIL PACKER	7.25	1.50	7.220	5771.22
BOB TAIL PACKER	7.25	1.50	6.120	5777.34
BLANK PIPE	4.75	2.25	2.470	5779.81
INSIDE RECORDER CARRIER	4.88	2.50	7.210	5787.02
CROSS OVER SUB	6.00	2.25	1.120	5788.14
DRILL COLLAR-1	6.25	2.25	29.21	5817.35
CROSS OVER SUB	6.25	2.25	1.180	5818.53
BLANK PIPE	4.75	2.25	15.00	5833.53
OUTSIDE RECORDER CARRIER	4.88	2.50	5.820	5839.35
BULLNOSE	4.75	0.00	0.650	5840

Report Number: 8992920

Test Number: ONE

Test Date: 24-JUL-2002

Schlumberger

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 8992920

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR703

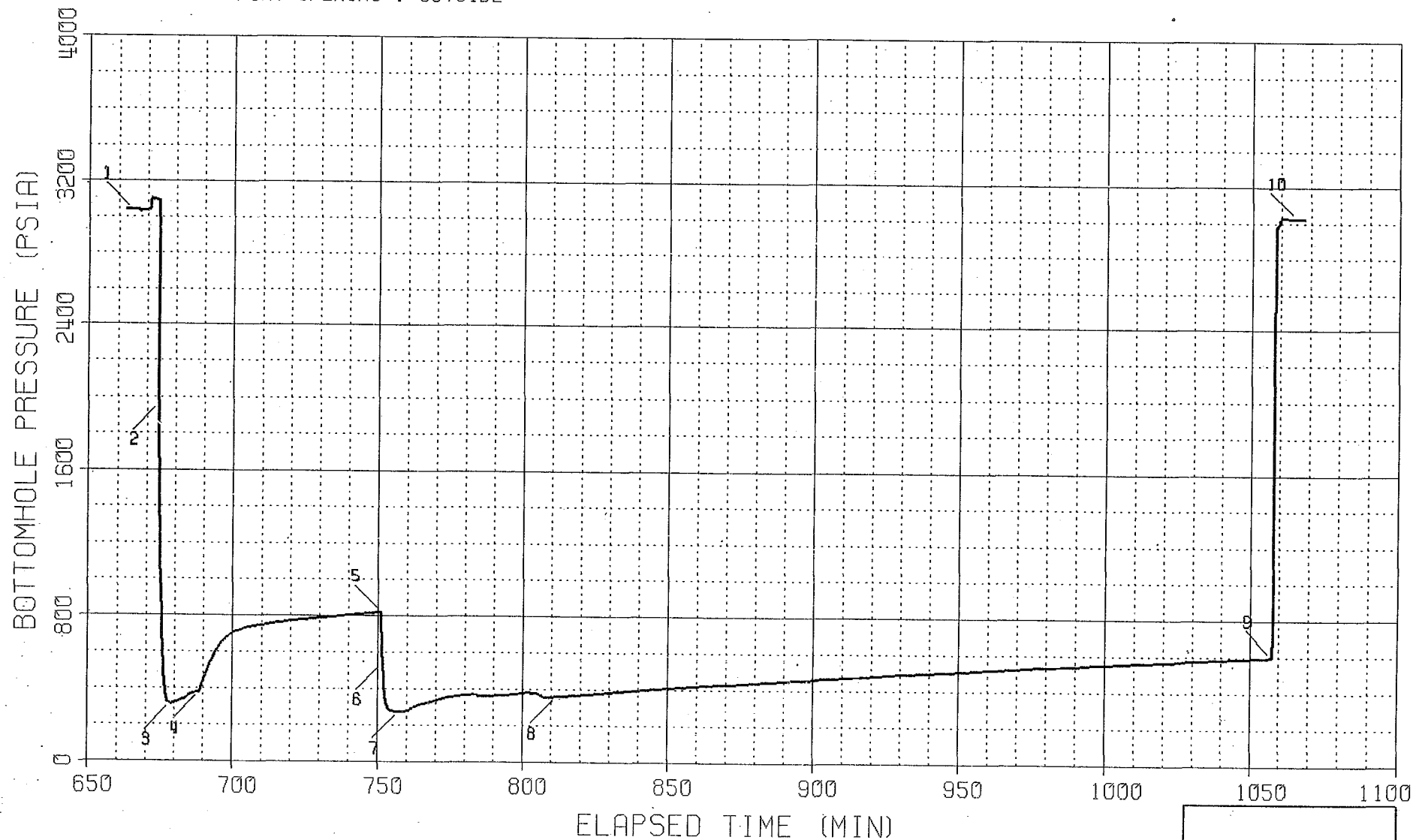
WELL : MONTEZUMA 41-17-74

DEPTH : 5729 FT

CAPACITY : 10000 PSI

Electronic Pressure Data

PORT OPENING : OUTSIDE



Schlumberger

BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 8992920

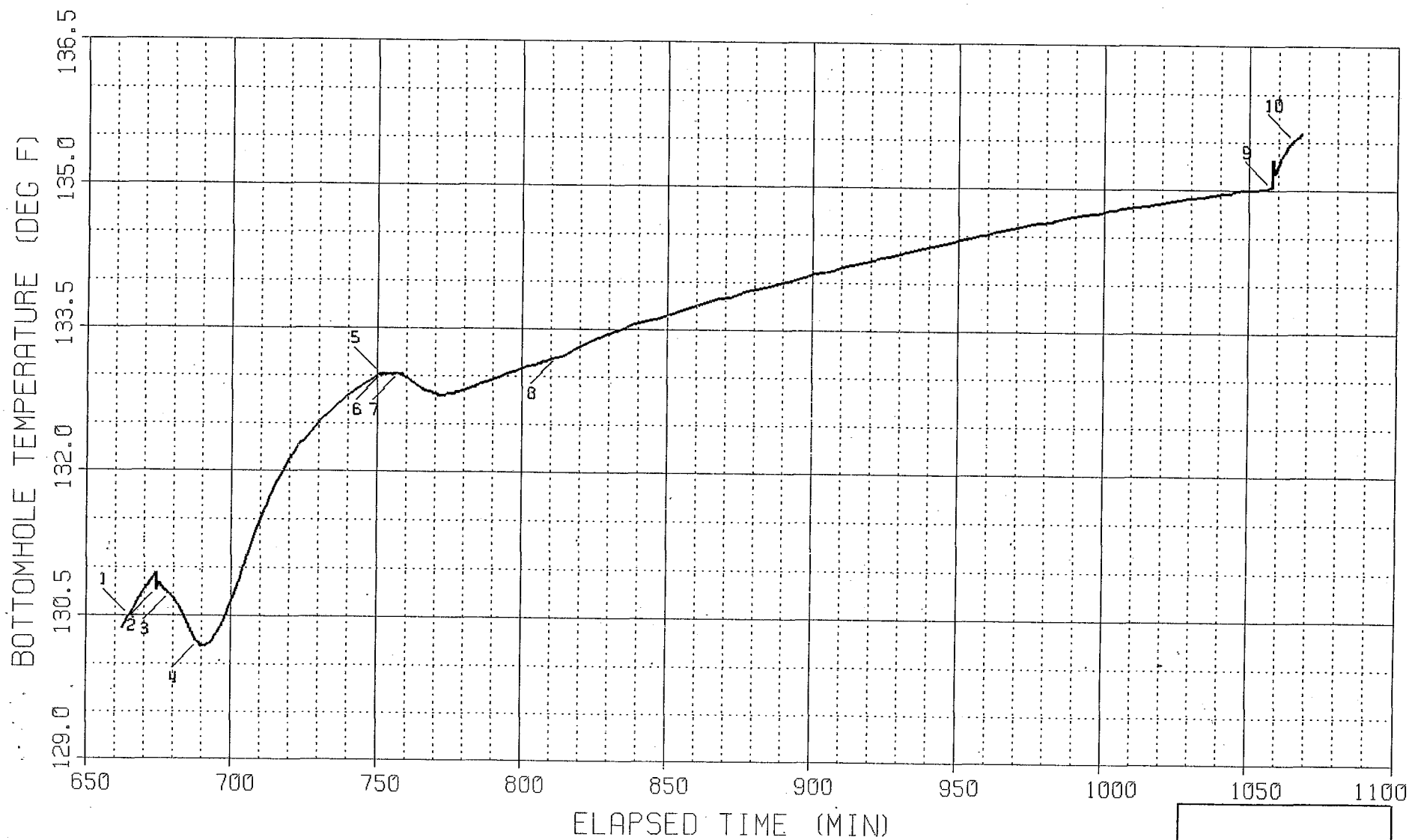
COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR703

WELL : MONTEZUMA 41-17-74

DEPTH : 5729 FT

Electronic Temperature Data



Schlumberger

LOG LOG PLOT

COMPANY : SAMEDAN OIL CORPORATION

WELL : MONTEZUMA 41-17-74

FIELD REPORT NO. 8992920

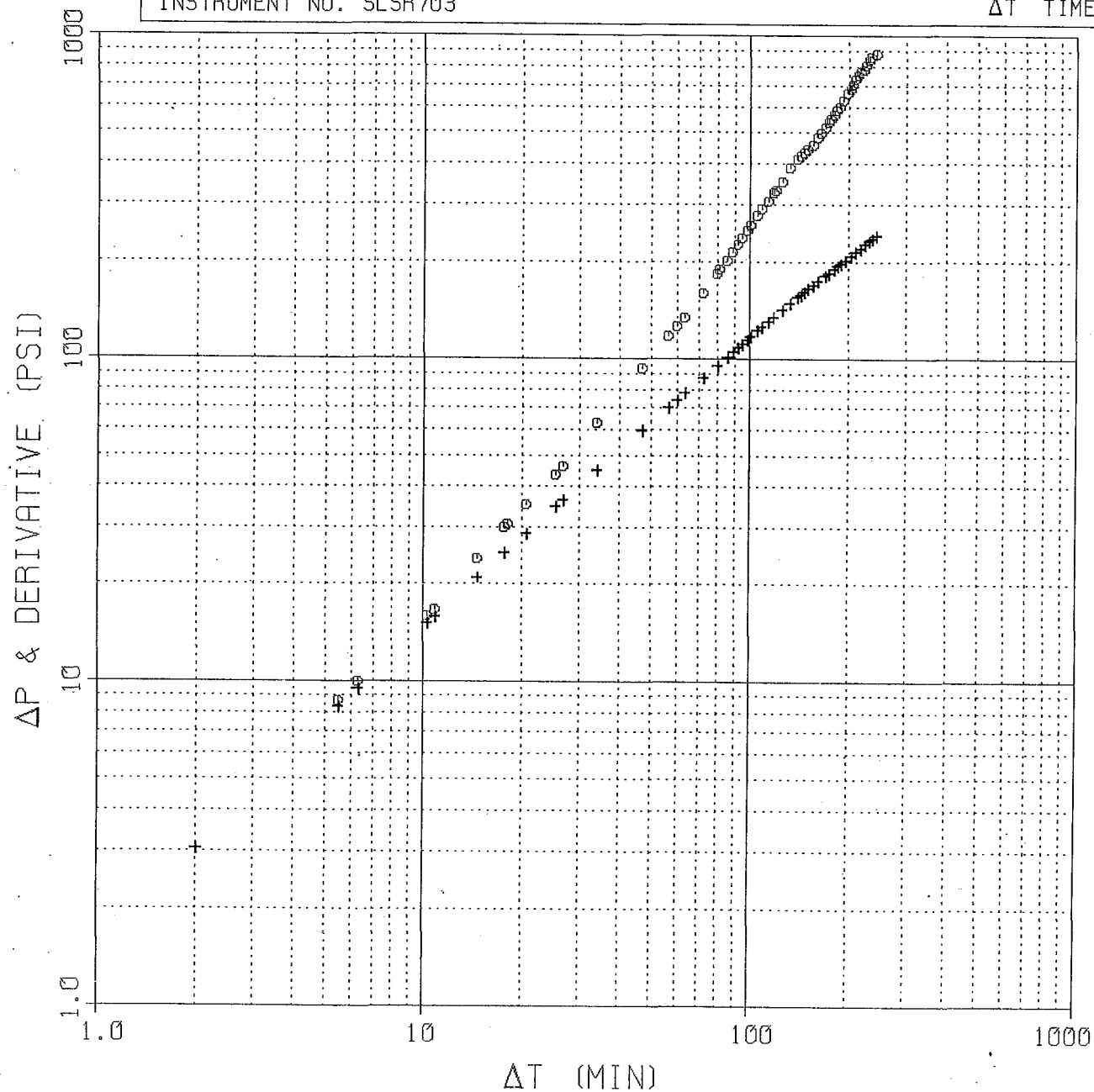
INSTRUMENT NO. SLSR703

SHUTIN #2 : PRODUCING TIME (T_p): 64.5 MIN

FINAL FLOW PRESSURE (P_{wf}): 358 PSIA

PLOT ELAPSED TIME RANGE: 813.9 TO 1057.6 MIN

ΔT TIME RANGE: 2.0 TO 245.7 MIN



Schlumberger

PRESSURE (PSIA)

ΔT (MIN)

HORNER PLOT

FIELD REPORT NO. 8992920

INSTRUMENT NO. SLSR703

COMPANY : SAMEDAN OIL CORPORATION

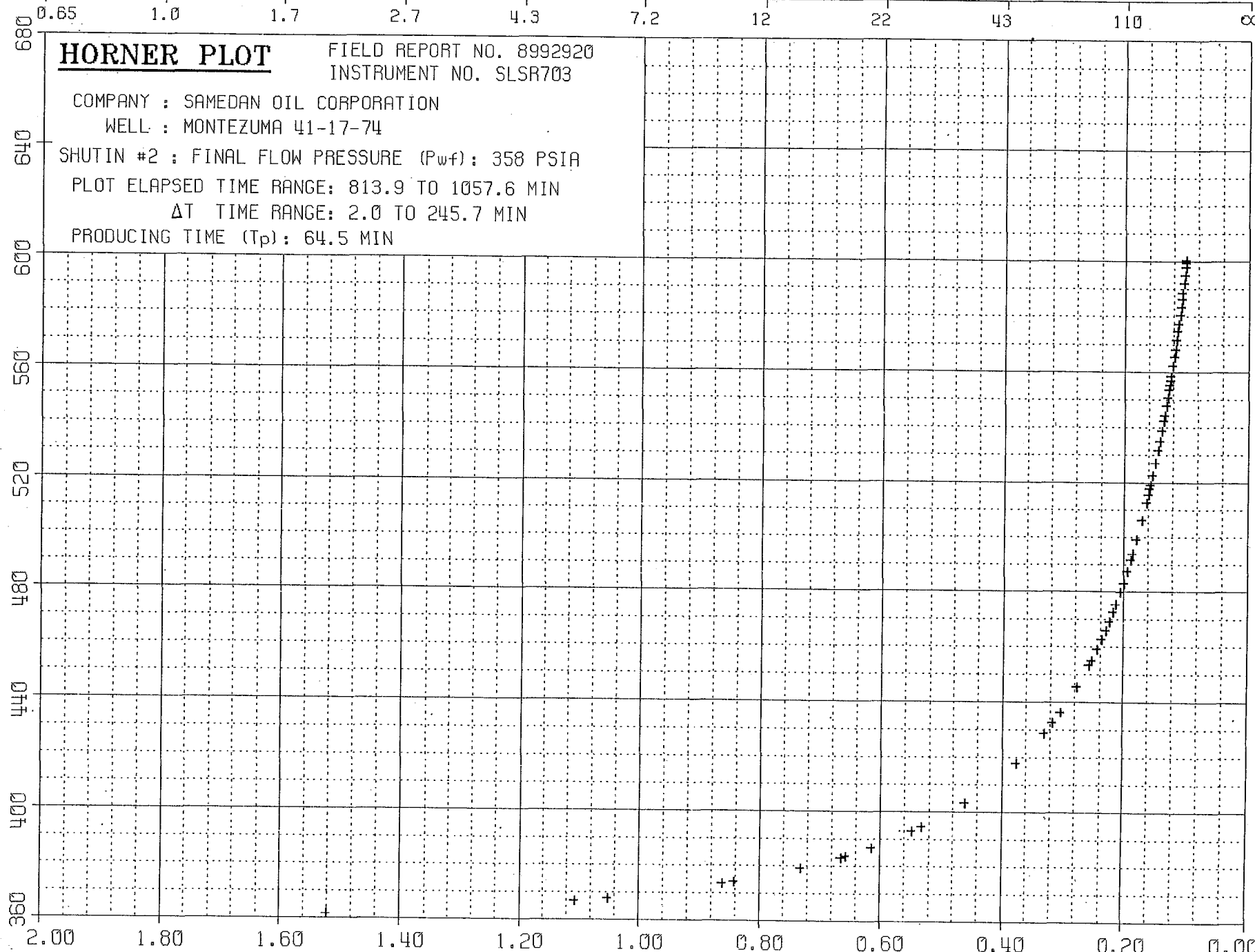
WELL : MONTEZUMA 41-17-74

SHUTIN #2 : FINAL FLOW PRESSURE (P_{wf}): 358 PSIA

PLOT ELAPSED TIME RANGE: 813.9 TO 1057.6 MIN

ΔT TIME RANGE: 2.0 TO 245.7 MIN

PRODUCING TIME (T_p): 64.5 MIN



LOG $[(T_p + \Delta T) / \Delta T]$

Schlumberger

PRESSURE (PSIA)

ΔT (MIN)

HORNER PLOT

FIELD REPORT NO. 8992920

INSTRUMENT NO. SLSR703

COMPANY : SAMEDAN OIL CORPORATION

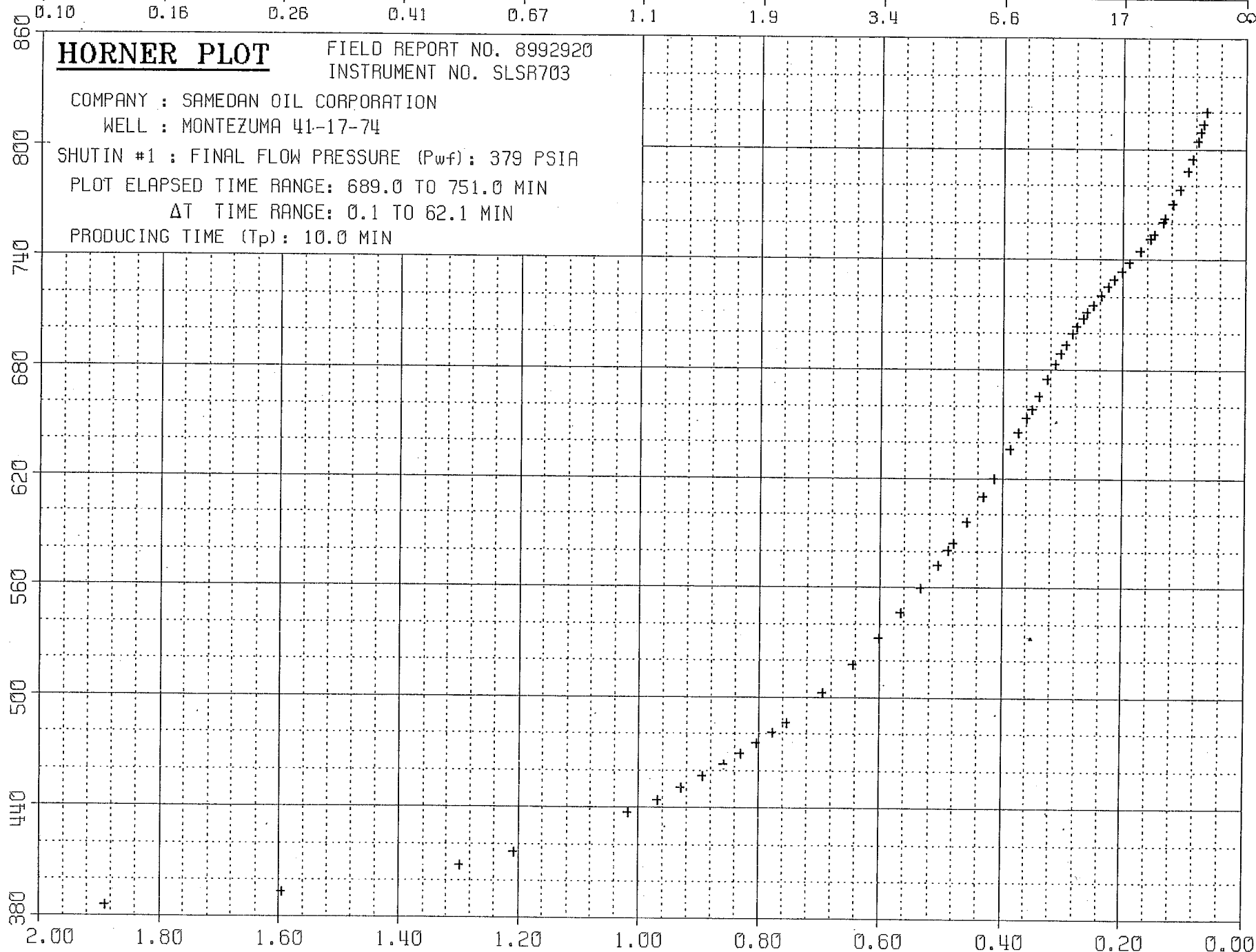
WELL : MONTEZUMA 41-17-74

SHUTIN #1 : FINAL FLOW PRESSURE (P_{wf}): 379 PSIA

PLOT ELAPSED TIME RANGE: 689.0 TO 751.0 MIN

ΔT TIME RANGE: 0.1 TO 62.1 MIN

PRODUCING TIME (T_p): 10.0 MIN



$\text{LOG} [(T_p + \Delta T) / \Delta T]$

Schlumberger

 ** WELL TEST DATA PRINTOUT **

COMPANY: SAMEDAN OIL CORPORATION
 WELL: MONTEZUMA 41-17-74

FIELD REPORT NO. 8992920
 INSTRUMENT NO. SLSR703

RECORDER CAPACITY: 10000 PSI PORT OPENING: OUTSIDE DEPTH: 5729 FT

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
1	4:36:03	25-JUL	HYDROSTATIC MUD	664.55	3040.29	130.50
2	4:45:39	25-JUL	FLOW POINT	674.15	1963.91	130.77
3	4:50:19	25-JUL	START FLOW	678.82	315.16	130.73
4	5:00:19	25-JUL	END FLOW & START SHUT-IN	688.82	378.77	130.23
5	6:02:27	25-JUL	END SHUT-IN	750.95	820.12	133.02
6	6:03:15	25-JUL	FLOW POINT	751.75	539.00	133.02
7	6:08:51	25-JUL	START FLOW	757.35	273.26	133.02
8	7:03:23	25-JUL	END FLOW & START SHUT-IN	811.88	358.27	133.20
9	11:09:07	25-JUL	END SHUT-IN	1057.62	600.42	135.03
10	11:16:43	25-JUL	HYDROSTATIC MUD	1065.22	3026.33	135.52

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	678.82	688.82	10.00	315.16	378.77	315.16
2	757.35	811.88	54.53	273.26	358.27	273.26

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	688.82	750.95	62.13	378.77	820.12	378.77	10.00
2	811.88	1057.62	245.74	358.27	600.42	358.27	64.53

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MMM				
4:50:19	25-JUL	678.82	0.00	130.73	315.16
5:00:19	25-JUL	688.82	10.00	130.23	378.77

TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 378.77 PSIA
PRODUCING TIME = 10.00 MIN

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MMM						
5:00:19	25-JUL	688.82	0.00	130.23	378.77	0.00	
5:01:23	25-JUL	689.88	1.06	130.19	437.28	58.51	1.0185
5:02:27	25-JUL	690.95	2.13	130.19	486.03	107.26	0.7555
5:03:39	25-JUL	692.15	3.33	130.21	532.28	153.51	0.6024
5:04:51	25-JUL	693.35	4.53	130.23	572.22	193.45	0.5062
5:06:11	25-JUL	694.68	5.86	130.30	609.95	231.18	0.4324
5:07:15	25-JUL	695.75	6.93	130.35	635.98	257.21	0.3879
5:08:19	25-JUL	696.82	8.00	130.41	658.07	279.30	0.3522
5:09:47	25-JUL	698.28	9.46	130.51	682.87	304.10	0.3133
5:11:07	25-JUL	699.62	10.80	130.62	699.49	320.72	0.2846
5:13:07	25-JUL	701.62	12.80	130.78	715.22	336.45	0.2507
5:15:55	25-JUL	704.42	15.60	131.02	728.96	350.19	0.2151
5:18:35	25-JUL	707.08	18.26	131.25	738.12	359.35	0.1897
5:20:43	25-JUL	709.22	20.40	131.43	744.31	365.54	0.1732
5:23:31	25-JUL	712.02	23.20	131.63	751.39	372.62	0.1557
5:27:31	25-JUL	716.02	27.20	131.90	760.55	381.78	0.1360
5:31:55	25-JUL	720.42	31.60	132.13	769.98	391.21	0.1194
5:41:39	25-JUL	730.15	41.33	132.51	787.91	409.14	0.0941
5:51:47	25-JUL	740.28	51.46	132.80	804.04	425.27	0.0771
5:58:03	25-JUL	746.55	57.73	132.93	813.49	434.72	0.0694
6:02:27	25-JUL	750.95	62.13	133.02	820.12	441.35	0.0648

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MMM				
6:08:51	25-JUL	757.35	0.00	133.02	273.26
6:23:55	25-JUL	772.42	15.07	132.80	349.68
6:39:15	25-JUL	787.75	30.40	132.94	359.78
6:54:19	25-JUL	802.82	45.47	133.11	379.51
7:03:23	25-JUL	811.88	54.53	133.20	358.27

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 358.27 PSIA
PRODUCING TIME = 64.53 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
7:03:23	25-JUL	811.88	0.00	133.20	358.27	0.00	
7:05:23	25-JUL	813.88	2.00	133.21	361.32	3.05	1.5220
7:08:51	25-JUL	817.35	5.47	133.27	366.55	8.28	1.1071
7:13:39	25-JUL	822.15	10.27	133.34	373.33	15.06	0.8623
7:18:03	25-JUL	826.55	14.67	133.41	379.09	20.82	0.7323
7:21:07	25-JUL	829.62	17.74	133.45	383.11	24.84	0.6663
7:24:03	25-JUL	832.55	20.67	133.48	386.92	28.65	0.6151
7:28:51	25-JUL	837.35	25.47	133.54	392.93	34.66	0.5482
7:37:23	25-JUL	845.88	34.00	133.61	403.37	45.10	0.4621
7:50:11	25-JUL	858.68	46.80	133.74	417.90	59.63	0.3764
7:59:39	25-JUL	868.15	56.27	133.83	428.54	70.27	0.3318
8:06:43	25-JUL	875.22	63.34	133.88	436.24	77.97	0.3051
8:15:31	25-JUL	884.02	72.14	133.95	445.43	87.16	0.2775
8:22:51	25-JUL	891.35	79.47	134.01	453.04	94.77	0.2582
8:28:43	25-JUL	897.22	85.34	134.06	459.05	100.78	0.2446
8:35:23	25-JUL	903.88	92.00	134.11	465.78	107.51	0.2308
8:41:55	25-JUL	910.42	98.54	134.17	472.36	114.09	0.2188
8:49:31	25-JUL	918.02	106.14	134.22	479.88	121.61	0.2063
8:57:23	25-JUL	925.88	114.00	134.28	487.61	129.34	0.1948
9:03:47	25-JUL	932.28	120.40	134.33	493.80	135.53	0.1864
9:09:23	25-JUL	937.88	126.00	134.37	499.09	140.82	0.1796
9:16:59	25-JUL	945.48	133.60	134.42	506.27	148.00	0.1711
9:23:39	25-JUL	952.15	140.27	134.47	512.57	154.30	0.1644
9:29:15	25-JUL	957.75	145.87	134.51	517.69	159.42	0.1591
9:34:43	25-JUL	963.22	151.34	134.55	522.58	164.31	0.1542
9:39:47	25-JUL	968.28	156.40	134.58	526.92	168.65	0.1500
9:45:15	25-JUL	973.75	161.87	134.62	531.60	173.33	0.1457
9:53:47	25-JUL	982.28	170.40	134.65	538.76	180.49	0.1395
10:00:19	25-JUL	988.82	176.94	134.71	544.20	185.93	0.1350
10:08:03	25-JUL	996.55	184.67	134.74	550.58	192.31	0.1302
10:26:11	25-JUL	1014.68	202.80	134.83	565.34	207.07	0.1200
10:41:47	25-JUL	1030.28	218.40	134.91	578.02	219.75	0.1124
10:59:23	25-JUL	1047.88	236.00	135.00	591.94	233.67	0.1050
11:09:07	25-JUL	1057.62	245.74	135.03	600.42	242.15	0.1013

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 8992920

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR704

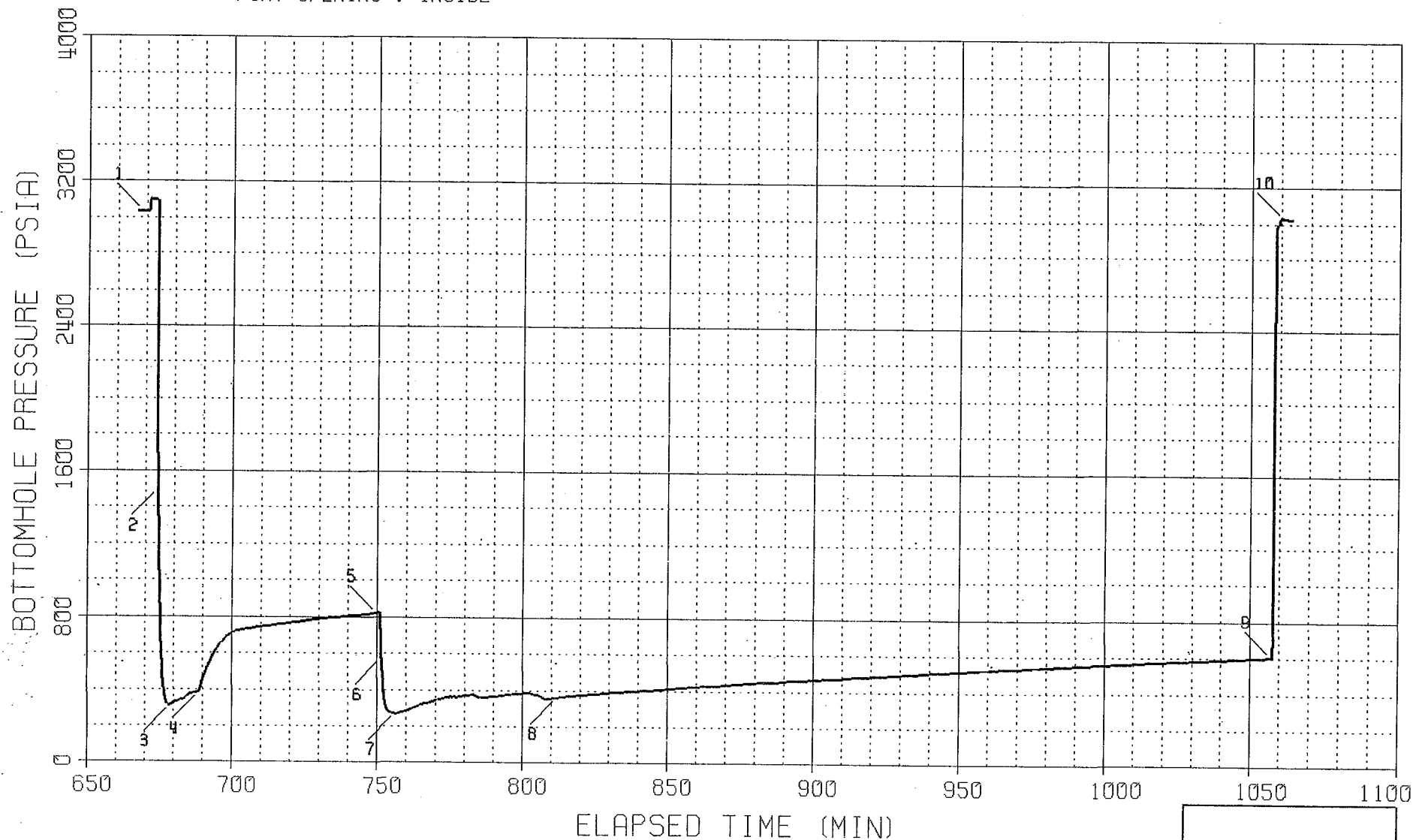
WELL : MONTEZUMA 41-17-74

DEPTH : 5735 FT

CAPACITY : 10000 PSI

Electronic Pressure Data

PORT OPENING : INSIDE



Schlumberger

BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 8992920

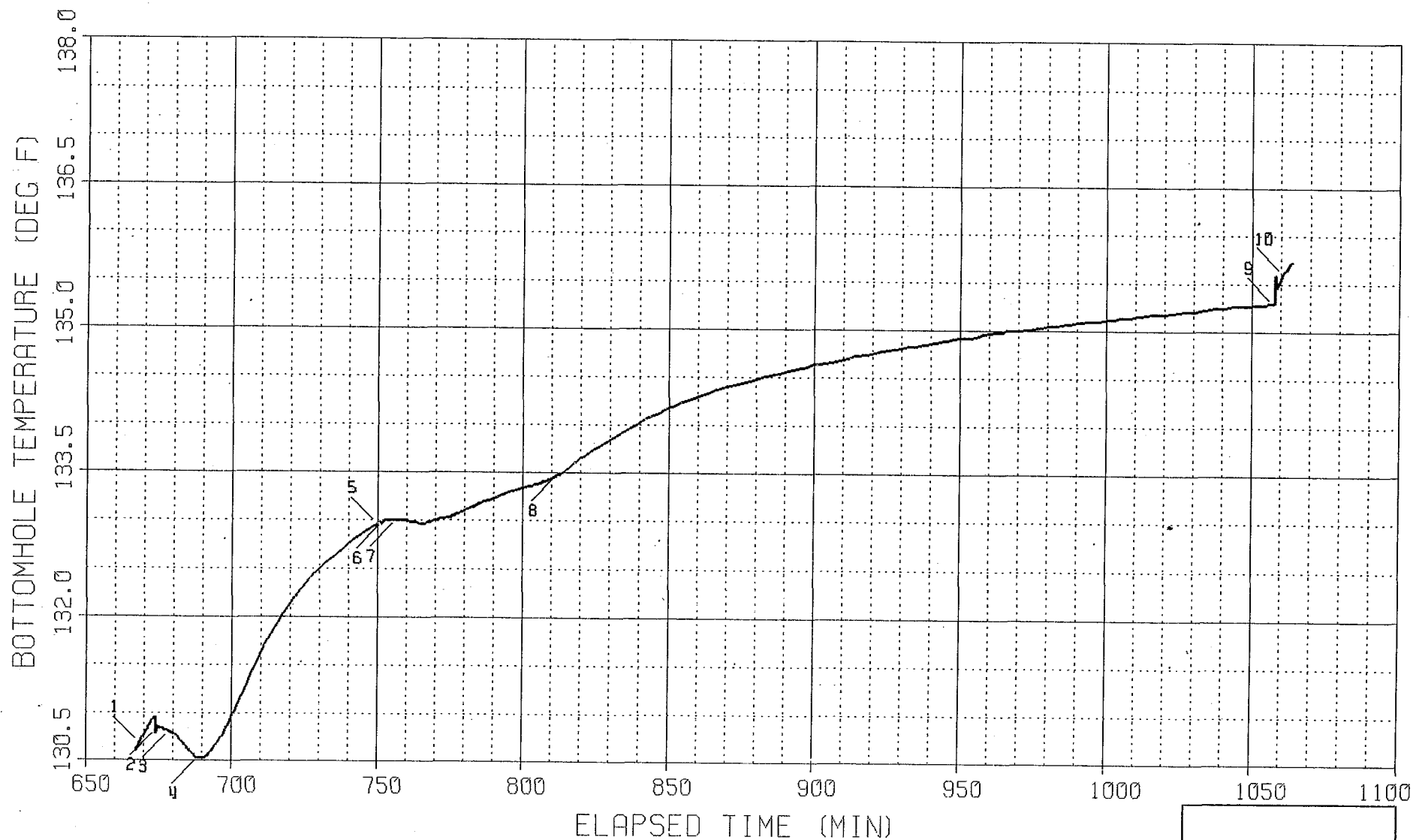
COMPANY : SAMEKAN OIL CORPORATION

INSTRUMENT NO. SLSR704

WELL : MONTEZUMA 41-17-74

DEPTH : 5735 FT

Electronic Temperature Data



Schlumberger

LOG LOG PLOT

COMPANY : SAMEDAN OIL CORPORATION

WELL : MONTEZUMA 41-17-74

FIELD REPORT NO. 8992920

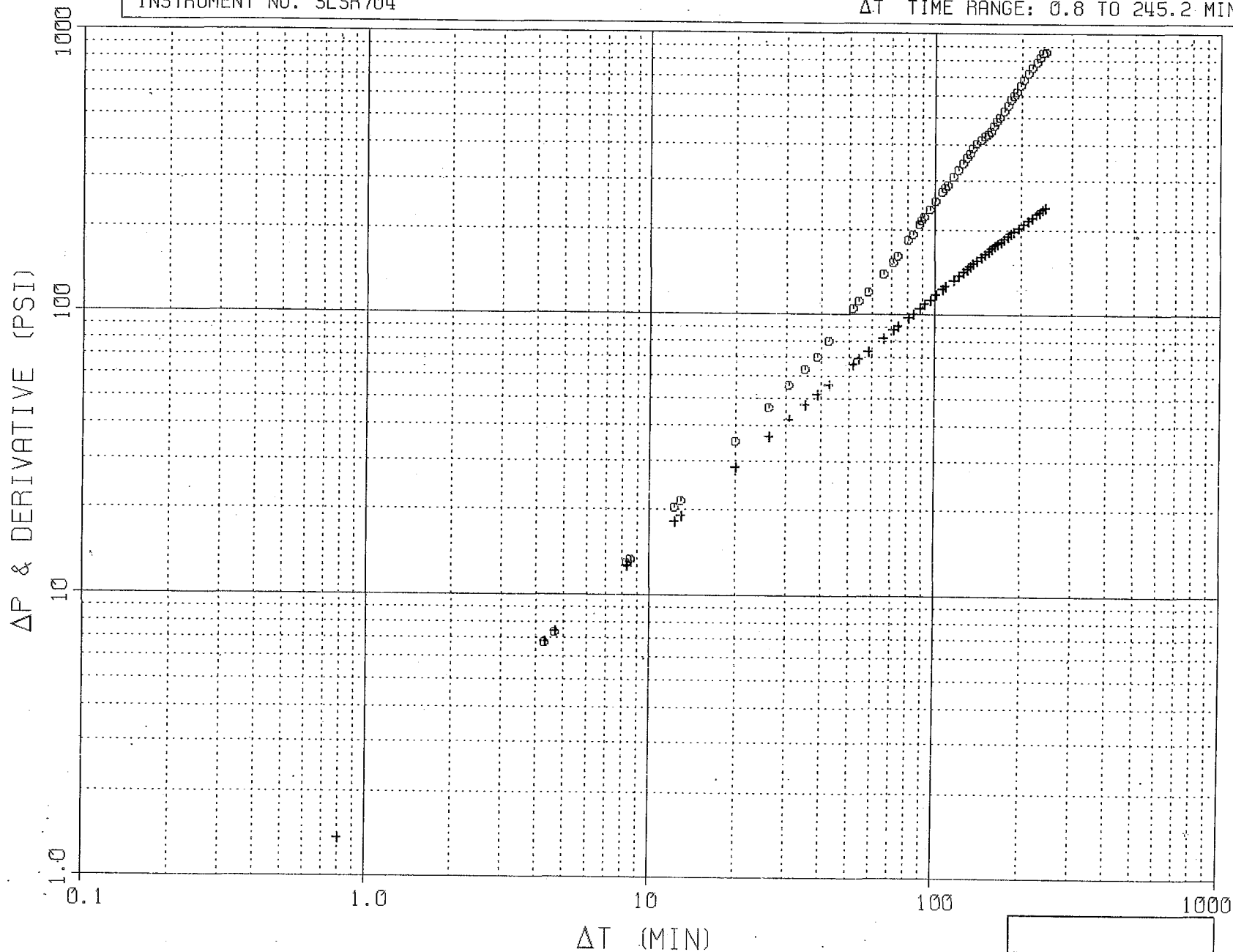
INSTRUMENT NO. SLSR704

SHUTIN #2 : PRODUCING TIME (T_p): 66.1 MIN

FINAL FLOW PRESSURE (P_{wf}): 363 PSIA

PLOT ELAPSED TIME RANGE: 813.0 TO 1057.3 MIN

ΔT TIME RANGE: 0.8 TO 245.2 MIN



Schlumberger

PRESSURE (PSIA)

ΔT (MIN)

HORNER PLOT

FIELD REPORT NO. 8992920
INSTRUMENT NO. SLSR704

COMPANY : SAMEDAN OIL CORPORATION

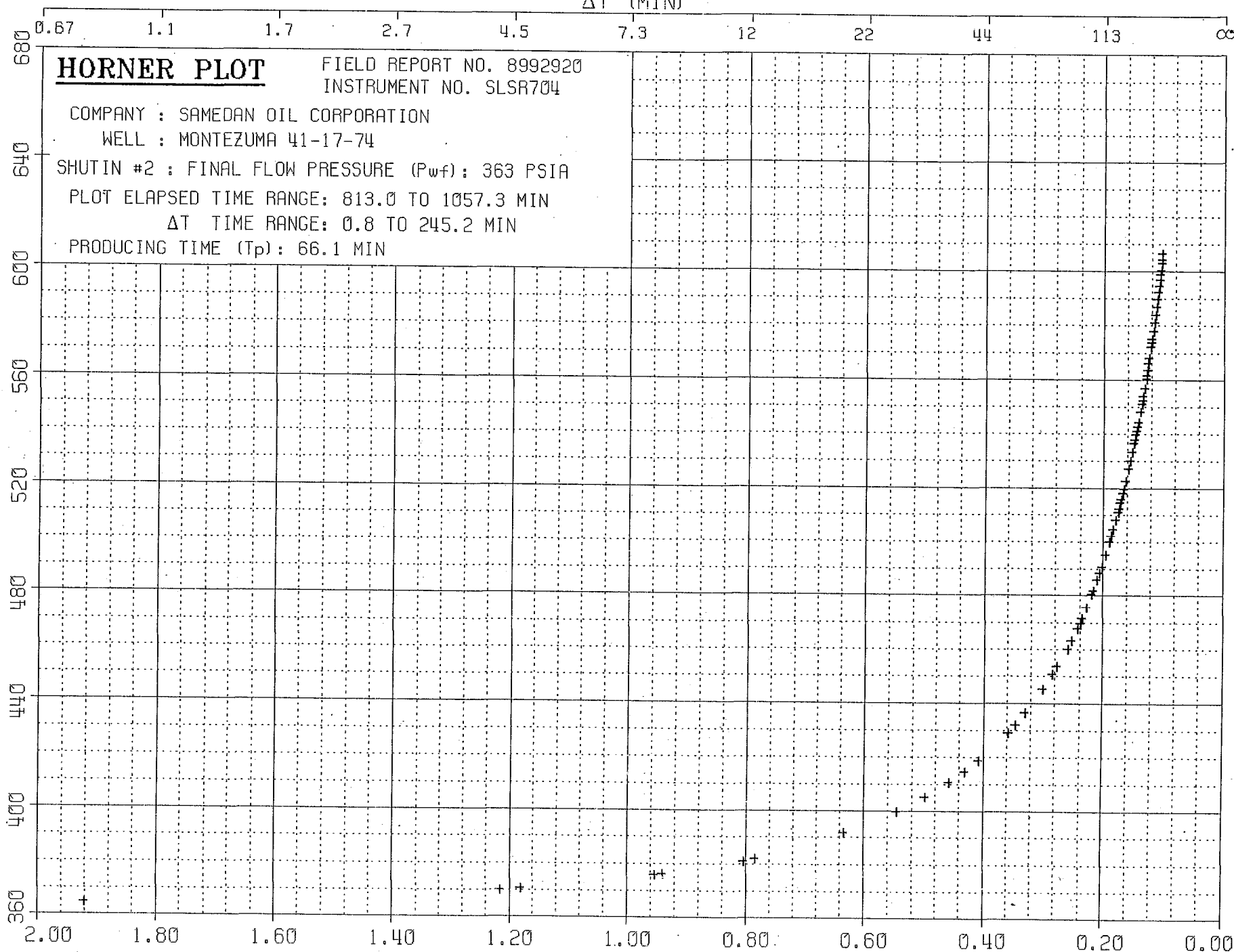
WELL : MONTEZUMA 41-17-74

SHUTIN #2 : FINAL FLOW PRESSURE (P_{wf}) : 363 PSIA

PLOT ELAPSED TIME RANGE: 813.0 TO 1057.3 MIN

ΔT TIME RANGE: 0.8 TO 245.2 MIN

PRODUCING TIME (T_p) : 66.1 MIN



$\text{LOG} [(T_p + \Delta T) / \Delta T]$

Schlumberger

PRESSURE (PSIA)

ΔT (MIN)

HORNER PLOT

FIELD REPORT NO. 8992920

INSTRUMENT NO. SLSR704

COMPANY : SAMEDAN OIL CORPORATION

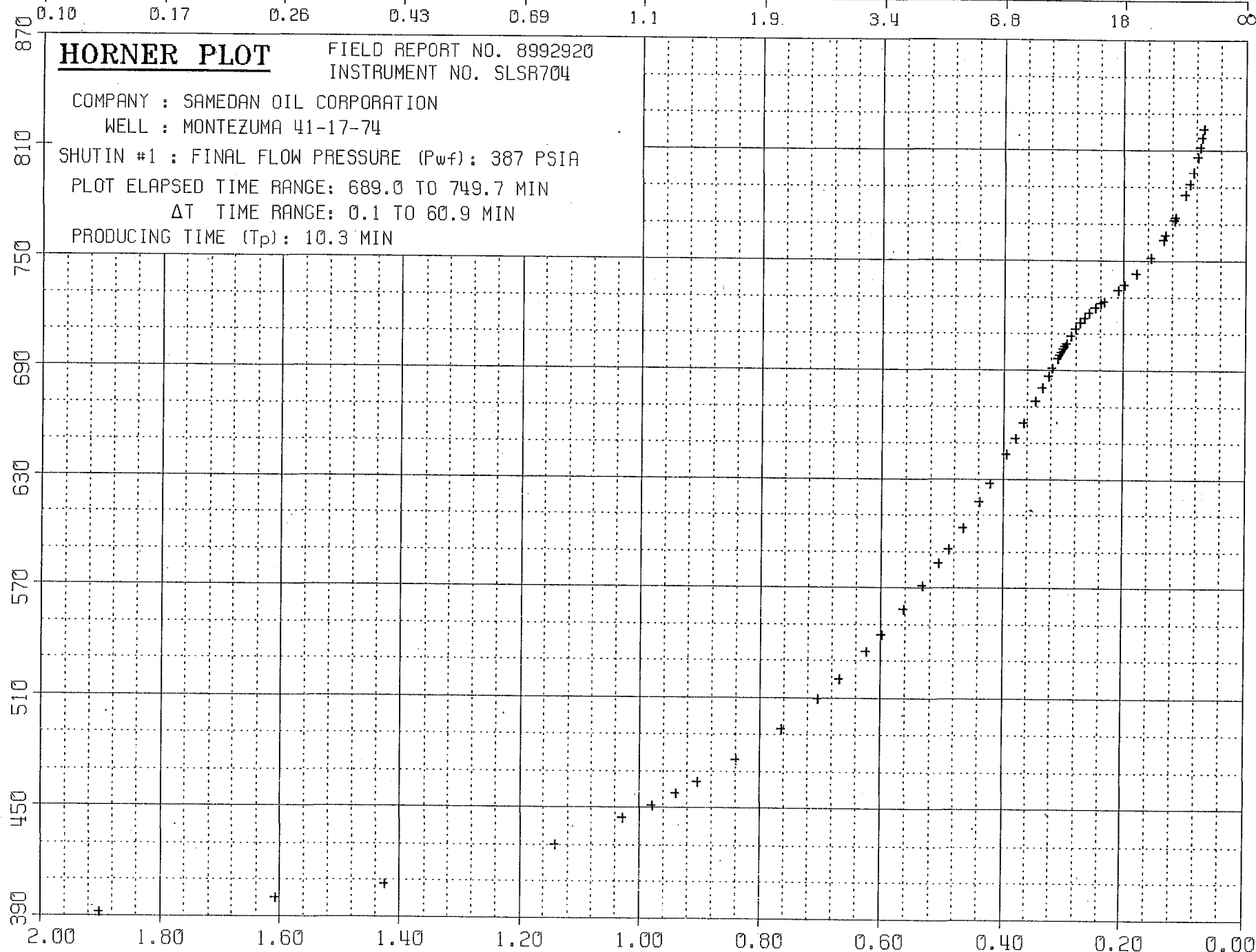
WELL : MONTEZUMA 41-17-74

SHUTIN #1 : FINAL FLOW PRESSURE (P_{wf}): 387 PSIA

PLOT ELAPSED TIME RANGE: 689.0 TO 749.7 MIN

ΔT TIME RANGE: 0.1 TO 60.9 MIN

PRODUCING TIME (T_p): 10.3 MIN



Schlumberger

 ** WELL TEST DATA PRINTOUT **

COMPANY: SAMEDAN OIL CORPORATION
 WELL: MONTEZUMA 41-17-74

FIELD REPORT NO. 8992920
 INSTRUMENT NO. SLSR704

RECORDER CAPACITY: 10000 PSI PORT OPENING: INSIDE DEPTH: 5735 FT

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
1	4:39:55	25-JUL	HYDROSTATIC MUD	668.42	3036.06	130.68
2	4:45:55	25-JUL	FLOW POINT	674.42	1495.90	130.82
3	4:50:03	25-JUL	START FLOW	678.55	313.90	130.80
4	5:00:19	25-JUL	END FLOW & START SHUT-IN	688.82	387.04	130.53
5	6:01:15	25-JUL	END SHUT-IN	749.75	822.31	132.96
6	6:03:07	25-JUL	FLOW POINT	751.62	574.40	132.98
7	6:07:47	25-JUL	START FLOW	756.28	272.52	133.00
8	7:03:39	25-JUL	END FLOW & START SHUT-IN	812.15	363.14	133.48
9	11:08:51	25-JUL	END SHUT-IN	1057.35	606.52	135.30
10	11:12:19	25-JUL	HYDROSTATIC MUD	1060.82	3030.70	135.61

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	678.55	688.82	10.27	313.90	387.04	313.90
2	756.28	812.15	55.87	272.52	363.14	272.52

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	688.82	749.75	60.93	387.04	822.31	387.04	10.27
2	812.15	1057.35	245.20	363.14	606.52	363.14	66.14

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED	DELTA	BOT HOLE TEMP.	BOT HOLE PRESSURE
HH:MM:SS	DD-MMM	TIME, MIN	TIME, MIN	DEG F	PSIA
4:50:03	25-JUL	678.55	0.00	130.80	313.90
5:00:19	25-JUL	688.82	10.27	130.53	387.04

TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 387.04 PSIA
PRODUCING TIME = 10.27 MIN

TIME OF DAY	DATE	ELAPSED	DELTA	BOT HOLE TEMP.	BOT HOLE PRESSURE	DELTA P	LOG HORNER
HH:MM:SS	DD-MMM	TIME, MIN	TIME, MIN	DEG F	PSIA	PSI	TIME
5:00:19	25-JUL	688.82	0.00	130.53	387.04	0.00	
5:01:23	25-JUL	689.88	1.06	130.53	444.11	57.07	1.0289
5:02:27	25-JUL	690.95	2.13	130.53	493.22	106.18	0.7650
5:03:31	25-JUL	692.02	3.20	130.55	534.82	147.78	0.6242
5:04:35	25-JUL	693.08	4.26	130.60	571.11	184.07	0.5329
5:05:39	25-JUL	694.15	5.33	130.64	603.03	215.99	0.4664
5:07:15	25-JUL	695.75	6.93	130.71	643.48	256.44	0.3948
5:08:43	25-JUL	697.22	8.40	130.78	673.03	285.99	0.3469
5:09:47	25-JUL	698.28	9.46	130.86	690.56	303.52	0.3192
5:10:51	25-JUL	699.35	10.53	130.93	704.43	317.39	0.2956
5:12:59	25-JUL	701.48	12.66	131.05	721.37	334.33	0.2580
5:16:51	25-JUL	705.35	16.53	131.32	733.78	346.74	0.2099
5:20:19	25-JUL	708.82	20.00	131.54	743.03	355.99	0.1800
5:23:55	25-JUL	712.42	23.60	131.77	751.62	364.58	0.1569
5:28:19	25-JUL	716.82	28.00	131.99	761.44	374.40	0.1357
5:33:07	25-JUL	721.62	32.80	132.21	771.80	384.76	0.1183
5:40:03	25-JUL	728.55	39.73	132.46	785.76	398.72	0.0999
5:46:27	25-JUL	734.95	46.13	132.62	797.62	410.58	0.0873
5:51:39	25-JUL	740.15	51.33	132.76	806.62	419.58	0.0792
5:57:39	25-JUL	746.15	57.33	132.89	816.57	429.53	0.0716
6:01:15	25-JUL	749.75	60.93	132.96	822.31	435.27	0.0676

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED	DELTA	BOT HOLE TEMP.	BOT HOLE PRESSURE
HH:MM:SS	DD-MMM	TIME, MIN	TIME, MIN	DEG F	PSIA
6:07:47	25-JUL	756.28	0.00	133.00	272.52
6:22:51	25-JUL	771.35	15.07	133.02	350.16
6:38:19	25-JUL	786.82	30.54	133.20	359.67
6:53:47	25-JUL	802.28	46.00	133.36	385.48
7:03:39	25-JUL	812.15	55.87	133.48	363.14

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 363.14 PSIA
PRODUCING TIME = 66.14 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
7:03:39	25-JUL	812.15	0.00	133.48	363.14	0.00	
7:07:55	25-JUL	816.42	4.27	133.56	369.95	6.81	1.2172
7:11:55	25-JUL	820.42	8.27	133.66	375.80	12.66	0.9541
7:15:55	25-JUL	824.42	12.27	133.74	381.23	18.09	0.8055
7:23:39	25-JUL	832.15	20.00	133.88	391.56	28.42	0.6342
7:29:55	25-JUL	838.42	26.27	133.99	399.64	36.50	0.5463
7:34:27	25-JUL	842.95	30.80	134.08	405.17	42.03	0.4980
7:42:27	25-JUL	850.95	38.80	134.19	414.69	51.55	0.4321
7:54:59	25-JUL	863.48	51.33	134.33	428.96	65.82	0.3596
8:01:39	25-JUL	870.15	58.00	134.40	436.47	73.33	0.3305
8:09:31	25-JUL	878.02	65.87	134.46	444.95	81.81	0.3019
8:14:51	25-JUL	883.35	71.20	134.51	450.52	87.38	0.2853
8:24:03	25-JUL	892.55	80.40	134.58	460.01	96.87	0.2607
8:31:39	25-JUL	900.15	88.00	134.64	467.74	104.60	0.2434
8:39:15	25-JUL	907.75	95.60	134.67	475.47	112.33	0.2284
8:44:19	25-JUL	912.82	100.67	134.71	480.54	117.40	0.2193
8:49:39	25-JUL	918.15	106.00	134.74	485.83	122.69	0.2106
8:54:43	25-JUL	923.22	111.07	134.78	490.80	127.66	0.2029
9:04:11	25-JUL	932.68	120.53	134.83	499.96	136.82	0.1900
9:09:47	25-JUL	938.28	126.13	134.85	505.29	142.15	0.1831
9:15:55	25-JUL	944.42	132.27	134.89	511.09	147.95	0.1761
9:21:07	25-JUL	949.62	137.47	134.92	515.97	152.83	0.1706
9:28:19	25-JUL	956.82	144.67	134.94	522.64	159.50	0.1635
9:33:23	25-JUL	961.88	149.73	134.98	527.10	163.96	0.1589
9:40:27	25-JUL	968.95	156.80	135.00	533.19	170.05	0.1528
9:45:39	25-JUL	974.15	162.00	135.01	537.59	174.45	0.1487
9:51:39	25-JUL	980.15	168.00	135.05	542.66	179.52	0.1442
9:58:11	25-JUL	986.68	174.53	135.07	548.14	185.00	0.1396
10:05:07	25-JUL	993.62	181.47	135.10	553.88	190.74	0.1350
10:22:11	25-JUL	1010.68	198.53	135.16	567.91	204.77	0.1249
10:38:27	25-JUL	1026.95	214.80	135.21	581.17	218.03	0.1166
10:55:07	25-JUL	1043.62	231.47	135.27	594.45	231.31	0.1092
11:08:51	25-JUL	1057.35	245.20	135.30	606.52	243.38	0.1037

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 8992920

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR1231

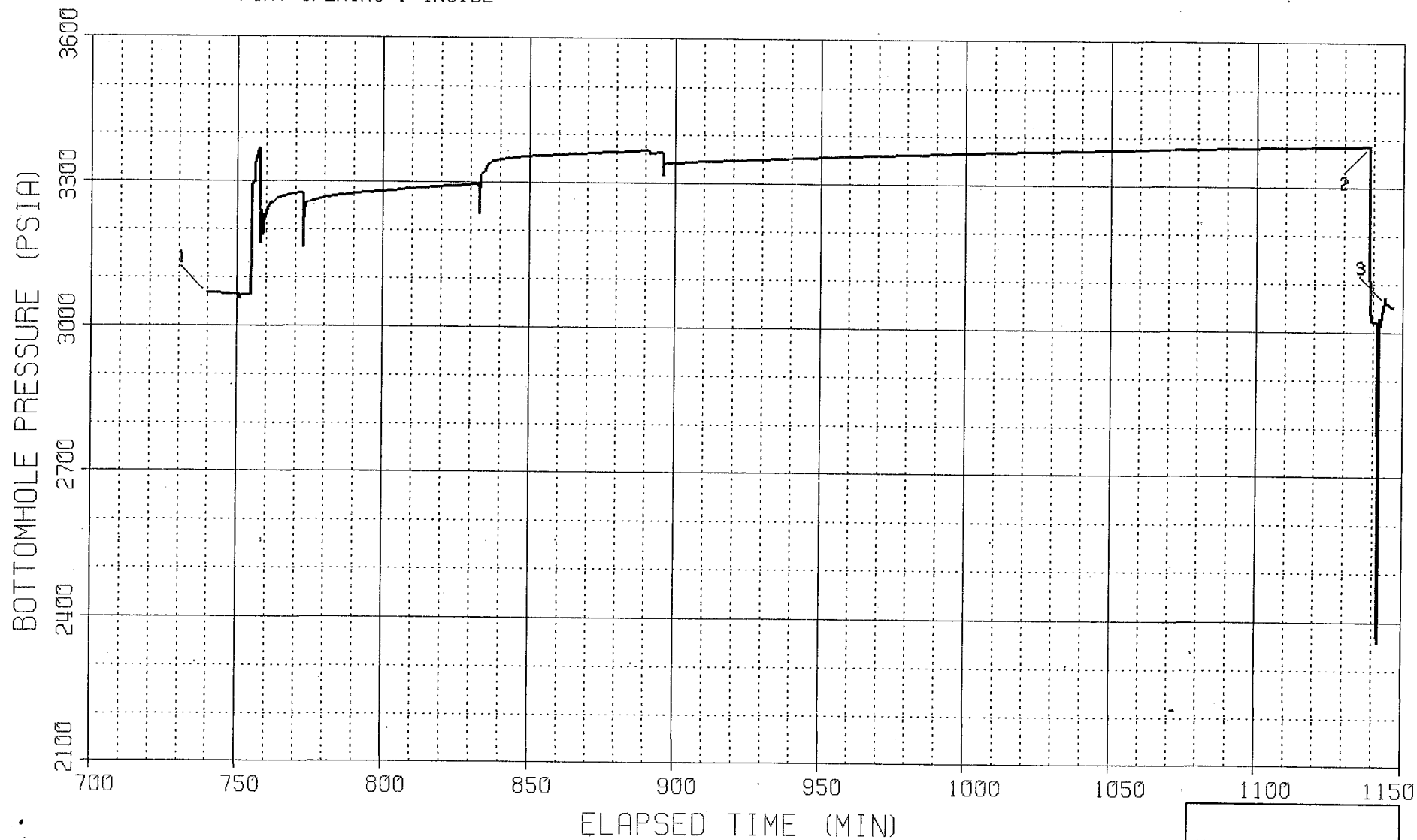
WELL : MONTEZUMA 41-17-74

DEPTH : 5787 FT

CAPACITY : 10000 PSI

Electronic Pressure Data

PORT OPENING : INSIDE



Schlumberger

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.
UTU 73028

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
MONTEZUMA 41-17-74

9. API Well No.
43-037-31765

10. Field and Pool, or Exploratory
WILDCAT

11. County or Parish, and State
SAN JUAN COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
SAMEDAN OIL CORPORATION

Contact: JANIS VERCHER
E-Mail: jvercher@nobleenergyinc.com

3a. Address
12600 NORTHBOROUGH, SUITE 250
HOUSTON, TX 77067

3b. Phone No. (include area code)
Ph: 281.872.2505
Fx: 282.872.2503

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 17 T37S R24E NENE 630FNL 940FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Well P&A'd as follows:

7/31/02 - Waiting on cementers, rig up Haliburton, Cement plug #1 set @ 5,990'-5,635' with 220 sks class B cement, pumped as follows: 30 BFW ahead, 46 bbls cement slurry & displaced with 9-1/2 BFW & 53 bbls of 10.2 ppg drilling mud. Trip out of hole with 10 strands drill pipe, circulate & wait on cement. Trip in hole, tagged cement plug @ 5,635'.

8/1/02 - Cement plug #2 set @ 4,649'-4,381' with 100 sks class B neet cement, pumped as follows: 20 BFW, 21 bbls cement slurry, displaced with 5.7 BFW & 46 bbls mud. Cement plug #3 set @ 2,028'-1,867', with 60 sks class B neet cement, 1/2 in & 1/2 out 8-5/8" casing shoe, pumped as follows: 20 BFW, 12.6 bbls cement slurry, displaced with 5.8 BFW & 16.5 bbls mud. Cement Plug #4 set @ 50'(top plug) with 25 sks class B cement, pumped as follows: 10 BFW & 4.5 bbls cement to surface. All cement plugs witnessed by Jeff Brown with BLM. Cleaned pits, rig released @ 8:00pm 08/01/02.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #13403 verified by the BLM Well Information System
For SAMEDAN OIL CORPORATION, sent to the Moab

Name (Printed/Typed) JANIS VERCHER

Title REPORT PREPARER

Signature

[Handwritten Signature]
(Electronic Submission)

Date 08/06/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

RECEIVED

Approved By _____

Title

AUG 08 2002

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

**DIVISION OF
OIL, GAS AND MINING**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for EC transaction #13403 that would not fit on the form

32. Additional remarks, continued

Please see attached daily drilling reports for more details.

cc: State of Utah (UDOGM)

Samedan Oil Corporation

Created: Thursday August/01/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well MONTEZUMA 41-17-74

ID 43-037-31765

Event: 1 - DRILLING

Operated

Legal NENE 17-37S-243

SOC WI 1.0000000

SOC RI 0.7800000

Location SAN JUAN UTAH

Contractor: CYCLONE DRILLING, INC.

Drilling Rig: CYCLONE RIG #16

AFE Number: 43477

AFE Estimate: \$415,700

Pros Name MONTEZUMA

Pros Number 44765

Proposed MD 6,216

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Thu 08/01/2002

DOL:22

Daily:\$8,004

Cum:\$435,346

Rpt #22

MD:6,235

TVD:3,689

PBTD:

SUMMARY

Progress: 0

Mud Wgt:0

Mud Vis:

W.O.O.. Wait on cementers (Halliburton). Ru Halliburton & spotted cmt plug #1 f/5990'-5635' with 220 sks Class-B cmt + 0.1% Halad-9 (yield 1.18 @ 15.6 ppg) - Pumped as follows: 30 BFW ahead, 46 bbls cmt slurry & displaced w/9-1/2 BFW & 53 bbls of 10.2 ppg drlg mud. RD Halliburton - TOOH w/10 stds DP. Circ & WOC. TIH, tagged cmt plug @ 5635'. RU LD machine - TOOH LD DP to spot next cmt plug @ 4635'

Samedan Oil Corporation

Created: Friday August/02/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Fri 08/02/2002

DOL:23

Daily:\$62,527

Cum:\$497,873

Rpt #23

MD:6,235

TVD:3,689

PBTD:

SUMMARY

Progress: 0

Mud Wgt:0

Mud Vis:

Fnsd spotting the 3 remaining cmt plug as TOOH LD DP - Plug #2 set @ 4649-4381' w/100 sx Class-B Neet cmt (1.18 yield @ 15.6 ppg) - Pmpd as follows: 20 BFW, 21 bbls cmt slurry, displaced w/5.7 BFW + 46 bbls mud - Plug #3 set @ 2028-1867', 1/2 in & 1/2 out 8-5/8" csg shoe - Pmpd as follows: 60 sx Class-B Neet cmt @ 1.18 yield & 15.6 ppg, 20 BFW, 12.6 bbls cmt slurry, displaced w/5.8 BFW & 16.5 bbls mud - Plug #4: 50' top plug (25 sx Class-B cmt, 1.18 yield @ 15.6 ppg) - Pmpd as follows: 10 BFW & 4.5 bbls cmt to surf - All cmt plugs witnessed by Jeff Brown with Bureau of Land Management. RD LD machine, ND BOPs, cleaned pits - RIG RELEASED @ 8:00 P.M. (MDT) 8/1/02

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
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FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.
UTU 73028

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
MONTEZUMA 41-17-74

2. Name of Operator
SAMEDAN OIL CORPORATION

Contact: JANIS VERCHER
E-Mail: jvercher@nobleenergyinc.com

9. API Well No.
43-037-31765

3a. Address
12600 NORTHBOROUGH, SUITE 250
HOUSTON, TX 77067

3b. Phone No. (include area code)
Ph: 281.872.2505
Fx: 282.872.2503

10. Field and Pool, or Exploratory
WILDCAT

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 17 T37S R24E NENE 630FNL 940FEL

11. County or Parish, and State
SAN JUAN COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

7/29/02 - Drilling to 6,235', logged well, WL TD @ 6,238'.

7/30/02 - Finished logging well (sonic wave, caliper, directional survey, GR, neutron density, dual induction), trip in hole with drive pipe to 6,012', circulate, well to be P&A'd.

Please see attached daily drilling reports for more details.

cc: State of Utah (UDOGM)

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #13398 verified by the BLM Well Information System
For SAMEDAN OIL CORPORATION, sent to the Moab

Name (Printed/Typed) JANIS VERCHER

Title REPORT PREPARER

Signature

[Signature]
(Electronic Submission)

Date 08/06/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

AUG 08 2002

DIVISION OF

OIL, GAS AND MINING

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

Samedan Oil Corporation

Created: Tuesday July/30/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drill and Complete a Flowing Oil and Gas Well.

Tue 07/30/2002

DOL:20

Daily:\$16,696

Cum:\$376,465

Rpt #20

MD:6,235

TVD:3,689

PBTD:

SUMMARY

Progress: 139 / 7.5 hrs

Mud Wgt:0

Mud Vis:

Drlg. Drlg, break (6138-6145') - Circ & raised MW 10.2 ppg. Drlg, brk @ 6158-6163'. R/S. Drlg. Circ samples. Short trip, 10 stds, no fill, clean. C&C hole for logs - Lost circ - Approx 20 bbls @ 6235' - SOOH for logs. SOOH for logs. RU Halliburton & logged well (sonic) - WL TD @ 6238'

Samedan Oil Corporation

Created: Wednesday July/31/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **MONTEZUMA 41-17-74**

ID **43-037-31765**

Event: 1 - DRILLING

Operated

Legal **NENE 17-37S-243**

SOC WI 1.0000000

SOC RI 0.7800000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING, INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43477**

AFE Estimate: **\$415,700**

Pros Name **MONTEZUMA**

Pros Number **44765**

Proposed MD **6,216**

Purpose of Expenditure: Drilli and Complete a Flowing Oil and Gas Well.

Wed 07/31/2002

DOL:21

Daily:\$50,877

Cum:\$427,342

Rpt #21

MD:6,235

TVD:3,689

PBTD:

SUMMARY

Progress: 0

Mud Wgt:0

Mud Vis:

Fnsd logging well w/Halliburton (sonic wave, caliper, directional svy, GR, Neutron density, Dual induction). R/S. W.O.O.. LD DCs & TIH w/drive pipe to 6012'. Circ - W.O.O.

017

Schlumberger**FIELD REPORT**TYPE OF SERVICE
ON BTM STRADDLEDATE
28-JUL-2002DISTRICT
HOBBS

Pa

1 o.

WELL OWNER: SAMEDAN OIL CORPORATION

REPORTS ADDRESS: 12600 NORTHBOROUGH / SUITE 250 / HOUSTON, TX 77067 ATTN: LYNN HITT/SCOTT STEINKE

SERVICE ORDER NUMBER: 9111973

WELL NAME & NO.: MONTEZUMA 41-17-74

LOCATION: 17/37s/24e

TEST NO. TWO

FIELD: UNETH

COUNTY: SAN JUAN

LEASE:

STATE: UTAH

TEST INTERVAL FROM 5915 FT TO 5965 FT = 50 FT

SURFACE DATA**EQUIPMENT SEQUENCE**

DESCRIPTION	DATE	TIME OF DAY	PRESSURE	COMPONENTS	OD	ID	LENGTH	DEPTH
OPEN TO 1/8" BUBBLE HOSE	27-JUL			SURFACE FLOWHEAD				
HYDROSTATIC MUD				DRILL PIPE 16.6#	4.50	3.82	4429.	4429
SET PACKERS		19:26		DRILL PIPE 20 #	4.50	3.64	930.8	5360
START FLOW		19:28		DRILL COLLARS-11	6.25	2.25	335.2	5695
BOTTOM OF BUCKET 50 SEC		19:30	2.00"	PUMP-OUT DISK REVERSING VALVE	6.00	3.00	1.230	5695
MEASURED IN OUNCES				DRILL COLLARS-3	6.25	2.25	90.00	5786
5 MIN	15	19:31	6 oz.	BREAK-OFF PIN REVERSING VALVE	6.00	3.00	1.480	5788
10 MIN		19:32	7 oz.	DRILL COLLARS-3	6.25	2.25	90.00	5878
END FLOW & START SHUT-IN		19:35	7.5oz	CROSS OVER SUB	6.25	2.25	1.260	5879
OPEN TO 3/4" CHOKE ONLY		19:40	8 oz.	MFE (MFEV-B)	5.00	0.94	10.02	5889
OPEN TO BUBBLE HOSE ONLY	40	19:45	8 oz.	MFE ON BYPASS (MBYP-B)	5.00	1.18	2.980	5892
END SHUT-IN		19:47		DC HYDRAULIC JARS	4.75	1.88	7.310	5899
START FLOW		21:12		SAFETY JOINT (SAJ-BA)	4.75	1.50	2.440	5902
MEASURED IN INCHES OF H2O		21:15	0.50"	BOB TAIL PACKER	7.25	1.50	6.120	5908
PRESSURE IS DROPPING		21:18	2.50"	PERFORATED ANCHOR	7.25	1.50	7.160	5915
5 MIN		21:19	2.25"	DUAL IN/OUT GAUGE HANGER	4.75	2.25	6.960	5922
10 MIN		21:22	2.00"	CROSS OVER SUB	5.75	2.32	1.060	5924
15 MIN		21:23	1.75"	DRILL COLLAR-1	6.25	2.25	28.53	5952
20 MIN		21:33	1.75"	CROSS OVER SUB	5.94	2.37	1.160	5954
30 MIN	40	21:38	1.62"	PERFORATED ANCHOR	4.75	2.25	5.000	5959
40 MIN		21:48	1.50"	OUTSIDE RECORDER CARRIER	4.88	2.50	5.820	5964
50 MIN		21:58	1.37"	BULLNOSE	4.75	0.00	0.650	5965
60 MIN		22:08	1.25"					
70 MIN		22:18	1.00"					
80 MIN		22:28	0.75"					
END FLOW & START SHUT-IN		22:38	0.50"					
OPEN TO 3/4" CHOKE ONLY	360	22:48	0.25"					
END SHUT-IN		22:52						
LOOSED PACKERS LOOSE		04:48						
HYDROSTATIC MUD		04:51						
ALLOWED TO FLUID		04:53						

RECOVERY DESCRIPTION	FEET	BELS	OIL GRAVITY	RESISTIVITY	CHLORIDES
VAPORS	270				
SLING MUD					
TRACES					
AS	50				
ICE ORDER NUMBER:	9111973			0.710 OHMS 60 °F	6000 RPM
				SCHLUMBERGER ENGINEER/TECHNICIAN	BILL GRAYSHAW

Schlumberger

FIELD REPORT

TYPE OF SERVICE
CN STM STRADDLEDATE
28-JUL-2002DISTRICT
HOBESPage
2 of 2

INSTRUMENT DATA

MUD DATA

INSTRUMENT NO.	SLSR-703	SLSR-704	J-1237			MUD TYPE	F/W GEL-PAC	MUD WT	9.9	#/gal
CAPACITY (PSIG)	10000	10000	9000			VISCOSITY	42	WATER LOSS	8.8	CC
DEPTH	5922	5928	5964			RESISTIVITY: OF MUD	@	°F		
INSIDE-OUTSIDE	OUT	IN	OUT			RESISTIVITY: OF FILTRATE	0.757 @ 60	°F		
CLOCK CAP	ELECTRONIC	ELECTRONIC	48 HOURS			CHLORIDES	5600	PPM		
TEMPERATURE °F	138	137				H2S DURING TEST	0	PPM		
I. HYD. PSIG	3100	3098	TELLS THE			WELL BORE DATA				
I. FLOW PSIG	46-49	39-45	SAME STORY			FORMATION TESTED	UPPER ISMAY			
I.S.I. PSIG	77	72				NET PRODUCTIVE INTERVAL	20	ft	EST. POROSITY	4
2nd FLOW PSIG						ELEVATION	4733	ft	DEPTH MEASURED FROM KB	
2nd S.I. PSIG						TOTAL MEASURED DEPTH		5965	ft	
F. FLOW PSIG	39-44	35-41				O H SIZE	7.875	in		
F.S.I. PSIG	75	75				CASING SIZE	8.62 @ 1983'			
F. HYD. PSIG	3055	3035				LINER SIZE				
						PERF INTERVAL FROM		ft	TO	ft
						SHOT DENSITY				

CUSHION

LENGTH

AMOUNT

SURFACE PRESS

BOTTOM CHOKE SIZE

NONS

0.94

SAMPLER DATA

RECOVERY			RESISTIVITY			CHLORIDES	
GAS	0.17	C.F.	RECOVERED WATER	@	deg F	PPM	
OIL	0	C.C.	RECOVERED MUD	@	deg F		
WATER	0	C.C.	REC. MUD FILTRATE	@	deg F	PPM	
MUD	50	C.C.	PIT MUD	@	deg F		
GRAVITY	°API	°F	PIT MUD FILTRATE	@	deg F	PPM	
GOR	C.F./BBL		SAMPLER PRESSURE	26	psig		

REMARKS:

We had a successful test. There was 270 feet of faint gas vapors above the fluid. The total fluid recovery was only 0.25 bbl. of drilling mud with slight traces of gas trapped within. Thank you for using Schlumberger.

SERVICE ORDER NUMBER:

9111973

SCHLUMBERGER ENGINEER/TECHNICIAN

BILL GRAYSHAW

REPORT NO.
9111973

PAGE NO. 1

 TEST DATE:
28-JUL-2002

STAR

Schlumberger Testing Data Report Pressure Data Report

Schlumberger

COMPANY: SAMEBAN OIL CORPORATION

WELL: MONTEZUMA 41-17-74

TEST IDENTIFICATION

 Test Type ON BTM STRADDLE
 Test No. TWO
 Formation UPPER ISMAY
 Test Interval (ft) 5915 to 5965
 Depth Reference KB

WELL LOCATION

 Field UNETH
 County SAN JUAN
 State UTAH
 Sec/Twn/Rng 17/37s/24e
 Elevation (ft) 4733

HOLE CONDITIONS

 Total Depth (MD/TVD) (ft) 5965
 Hole Size (in) 7.875
 Casing/Liner I.D. (in) 8.62 @ 1983'
 Perf'd Interval/Net Pay (ft) .. / 20
 Shot Density/Diameter (in) ...

MUD PROPERTIES

 Mud Type F/W GEL-PAC
 Mud Weight (lb/gal) 9.9
 Mud Resistivity (ohm.m)
 Filtrate Resistivity (ohm.m) .. 0.757 @ 60F
 Filtrate Chlorides (ppm) 5600

INITIAL TEST CONDITIONS

 Initial Hydrostatic (psi) 3100.44
 Gas Cushion Type
 Surface Pressure (psi)
 Liquid Cushion Type
 Cushion Length (ft)

TEST STRING CONFIGURATION

 Pipe Length (ft)/I.D. (in) ... 5360 / 3.64
 Collar Length (ft)/I.D. (in) .. 544 / 2.25
 Packer Depths (ft) 5908, 5915,
 Bottomhole Choke Size (in) ... 0.94
 Gauge Depth (ft)/Type 5922/SLSR-703

NET PIPE RECOVERY

Volume	Fluid Type	Properties
270 ft	GAS VAPORS	
	DRILLING MUD	
	WITH TRACES	
50 ft	OF GAS	Rw0.710@60F 6000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
0.17 cuft	Gas	
0 cc	Oil	
0 cc	Water	
50 cc	Mud	
Pressure: 26		GOR: 0
		GLR: 540

INTERPRETATION RESULTS

 Model of Behavior
 Fluid Type Used for Analysis..
 Reservoir Pressure (psi)
 Transmissibility (md.ft/cp) ..
 Effective Permeability (md) ..
 Skin Factor/Damage Ratio
 Storativity Ratio, Omega
 Interporos.Flow Coef..Lambda..
 Distance to an Anomaly (ft) ..
 Radius, of Investigation (ft)..
 Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

 Oil Density (deg. API)
 Basic Solids (%)
 Gas Gravity
 GOR (scf/STB)
 Water Cut (%)
 Viscosity (cp)
 Total Compressibility (1/psi)..
 Porosity (%) 4
 Reservoir Temperature (F) 138
 Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:


We had a successful test. There was 270 feet of faint gas vapors above the fluid. The total fluid recovery was only 0.25 bbl. of drilling mud with slight traces of gas trapped within. Thank you for using Schlumberger.

WELL TEST INTERPRETATION REPORT #:9111973		PAGE: 2,
CLIENT : SAMEDAN OIL CORPORATION		28-JUL-**
REGION :CSD	SEQUENCE OF EVENTS	FIELD:UNETH
DISTRICT:HOBBS		ZONE :UPPER ISMAY
BASE :MIDLAND		WELL :MONTZMA 41-17
ENGINEER:BILL GRAYSHAW		LOCATION:17/37s/24e

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
27-JUL		OPEN TO 1/8" BUBBLE HOSE			
	19:26	HYDROSTATIC MUD	-4	3100	
	19:28	SET PACKERS	-2		
	19:30	START FLOW	0	47	2.00"
		BOTTOM OF BUCKET 50 SEC			
	19:31	MEASURED IN OUNCES	1		6 oz.
	19:32		2		7 oz.
	19:35	5 MIN	5		7.5oz
	19:40	10 MIN	10		8 oz.
	19:45	END FLOW & START SHUT-IN	15	49	8 oz.
	19:47	OPEN TO 3/4" CHOKE ONLY	17		
	21:12	OPEN TO BUBBLE HOSE ONLY	102		
	21:15	END SHUT-IN	105	77	
	21:18	START FLOW	108	40	0.50"
	21:19	MEASURED IN INCHES OF H2O	109		2.50"
	21:22	PRESSURE IS DROPPING	112		2.25"
	21:23	5 MIN	113		2.00"
	21:28	10 MIN	118		1.75"
	21:33	15 MIN	123		1.75"
	21:38	20 MIN	128		1.62"
	21:48	30 MIN	138		1.50"
	21:58	40 MIN	148		1.37"
	22:08	50 MIN	158		1.25"
	22:18	60 MIN	168		1.00"
	22:28	70 MIN	178		0.75"
	22:38	80 MIN	188		0.50"
	22:48	END FLOW & START SHUT-IN	198	45	0.25"
	22:52	OPEN TO 3/4" CHOKE ONLY	202		
	04:48	END SHUT-IN	-882	75	
	04:51	PULLED PACKERS LOOSE	-879		
	04:53	HYDROSTATIC MUD	-877	3056	

Continued next page

SAMEDAN OIL CORPORATION
MONTEZUMA 41-17-74
TOOL STRING SCHEMATIC

	TOOL DESCRIPTION	OD	ID	LENGTH	DEPTH
	SURFACE FLOWHEAD				0
	DRILL PIPE 16.6#	4.50	3.82	4429.	4429
	DRILL PIPE 20 #	4.50	3.64	930.8	5359.8
	DRILL COLLARS-11	6.25	2.25	335.2	5695
	PUMPOUT DISK REVERSING VALVE	6.00	3.00	1.230	5696.23
	DRILL COLLARS-3	6.25	2.25	90.00	5786.23
	BREAKOFF PIN REVERSING VALVE	6.00	3.00	1.480	5787.71
	DRILL COLLARS-3	6.25	2.25	90.00	5877.71
	CROSS OVER SUB	6.25	2.25	1.260	5878.97
	MFE (MFEV-B)	5.00	0.94	10.02	5888.99
	MFE OH BYPASS (MBYP-B)	5.00	1.18	2.980	5891.97
	DC HYDRAULIC JARS	4.75	1.88	7.310	5899.28
	SAFETY JOINT (SAJ-BA)	4.75	1.50	2.440	5901.72
	BOB TAIL PACKER	7.25	1.50	6.120	5907.84
	BOB TAIL PACKER	7.25	1.50	7.160	5915
	PERFORATED ANCHOR	4.75	2.25	6.960	5921.96
	DUAL IN/OUT GAUGE HANGER	4.75	1.00	0.760	5922.72
	CROSS OVER SUB	5.75	2.32	1.060	5923.78
	DRILL COLLAR-1	6.25	2.25	28.59	5952.37
	CROSS OVER SUB	5.94	2.37	1.160	5953.53
	PERFORATED ANCHOR	4.75	2.25	5.000	5958.53
	OUTSIDE RECORDER CARRIER	4.88	2.50	5.820	5964.35
	BULLNOSE	4.75	0.00	0.650	5965

Report Number: 9111973
Test Number: TWO
Test Date: 28-JUL-2002

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BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 9111973

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR703

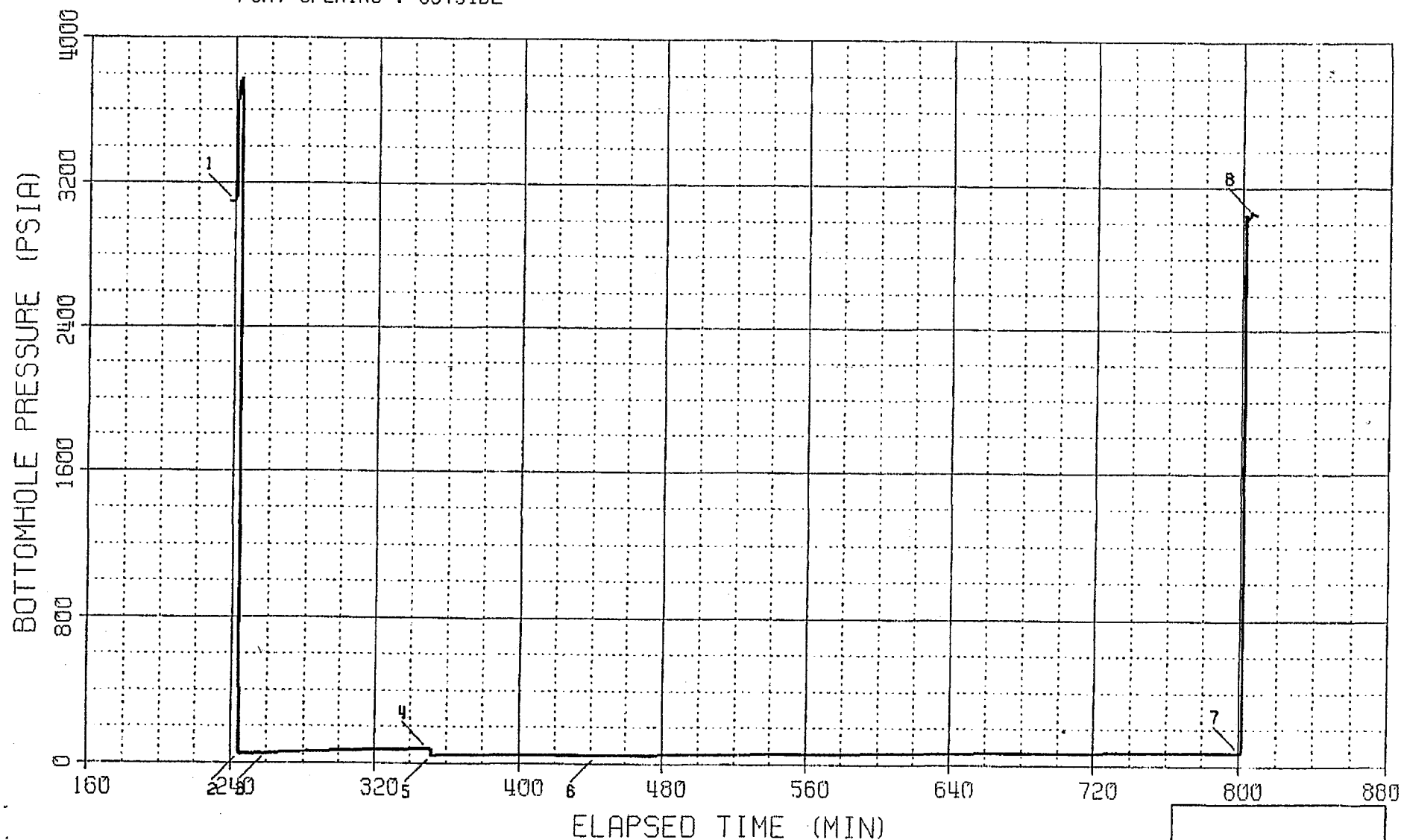
WELL : MONTEZUMA 41-17-74

DEPTH : 5922 FT

CAPACITY : 10000 PSI

Electronic Pressure Data

PORT OPENING : OUTSIDE



Schlumberger

BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 9111973

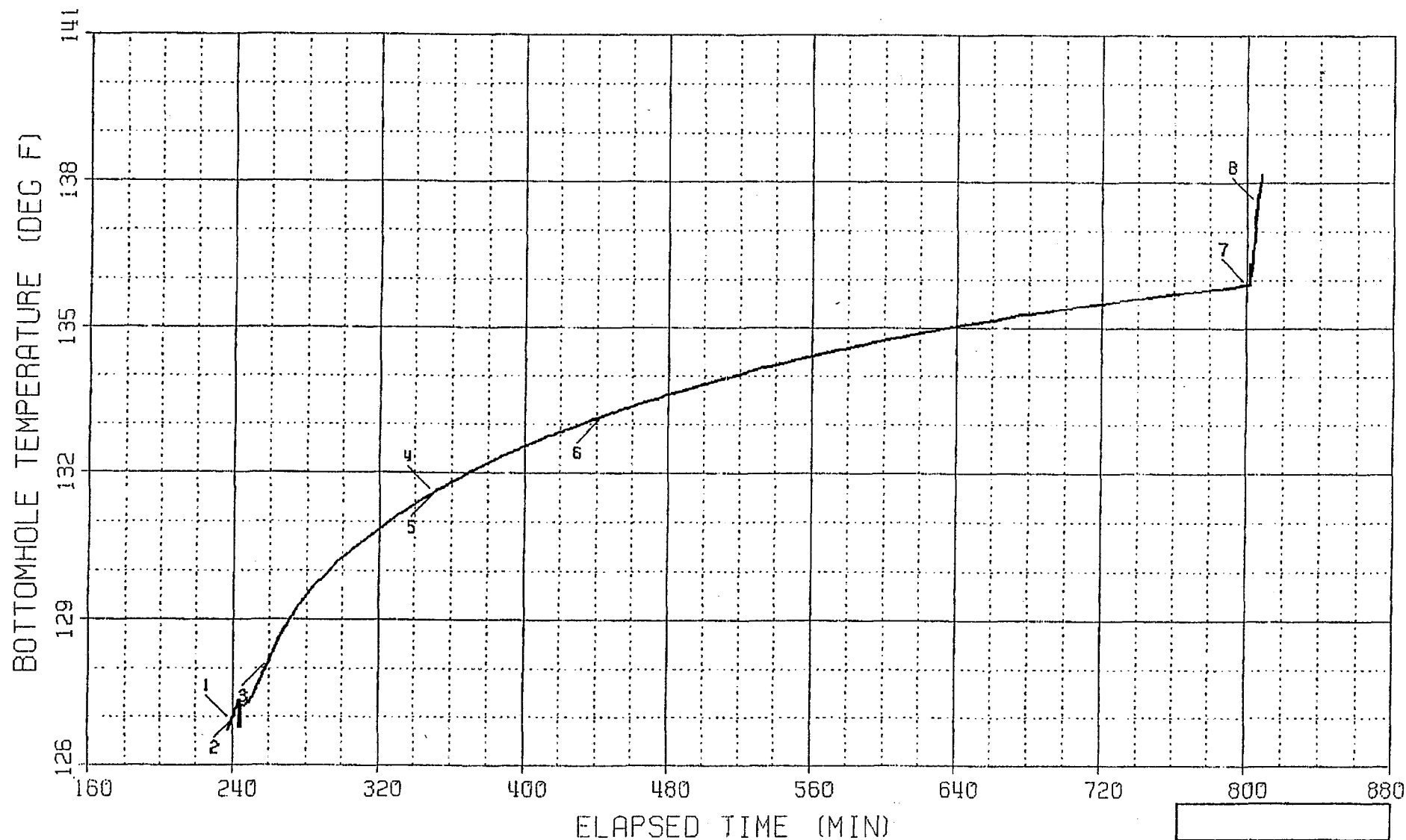
COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SL5R703

WELL : MONTEZUMA 41-17-74

DEPTH : 5922 FT

Electronic Temperature Data



Schlumberger

LOG LOG PLOT

COMPANY : SAMEDAN OIL CORPORATION

WELL : MONTEZUMA 41-17-74

FIELD REPORT NO. 9111973

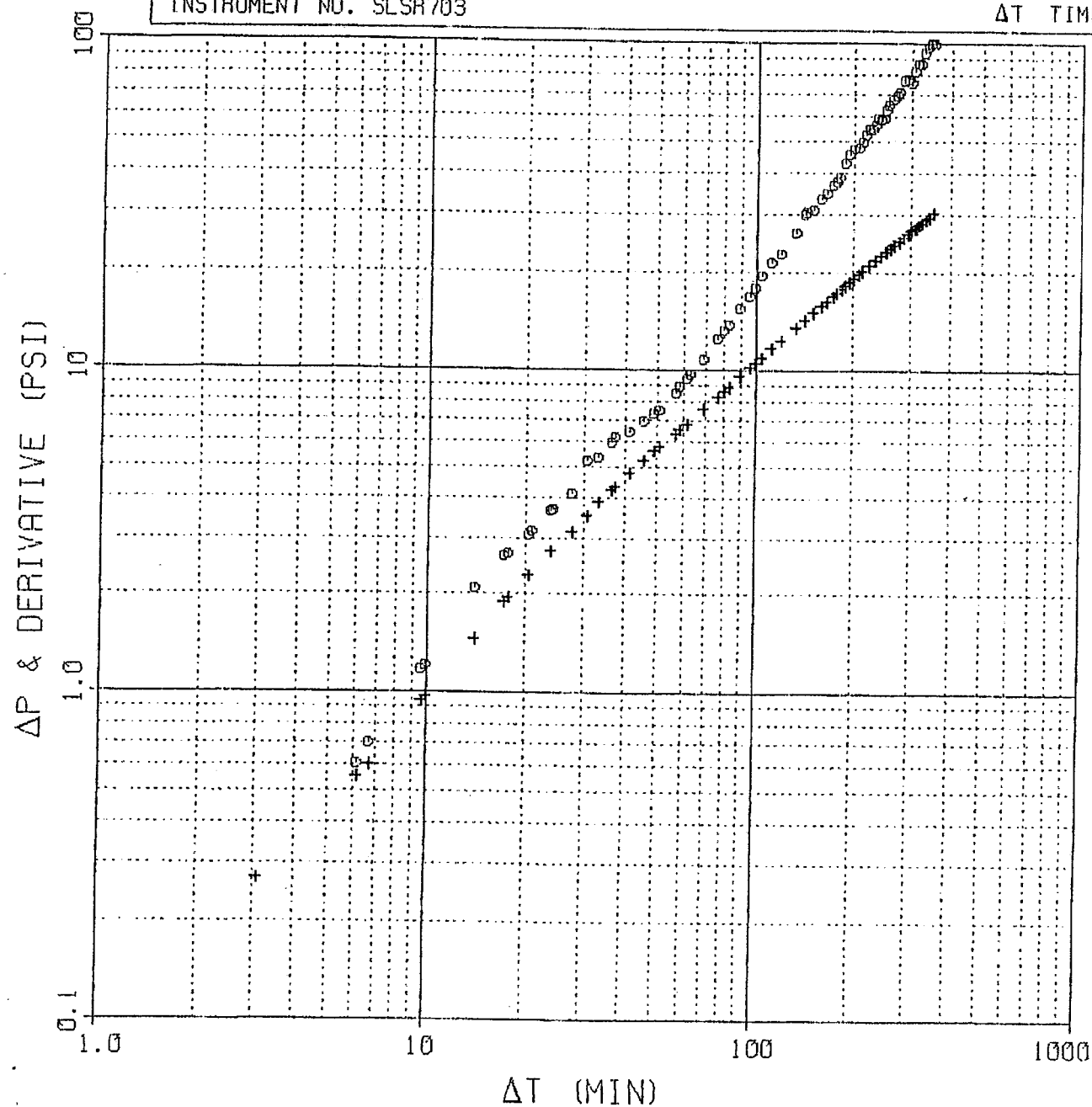
INSTRUMENT NO. SLSR703

SHUTIN #2 : PRODUCING TIME (T_p): 106.8 MIN

FINAL FLOW PRESSURE (P_{wf}): 45 PSIA

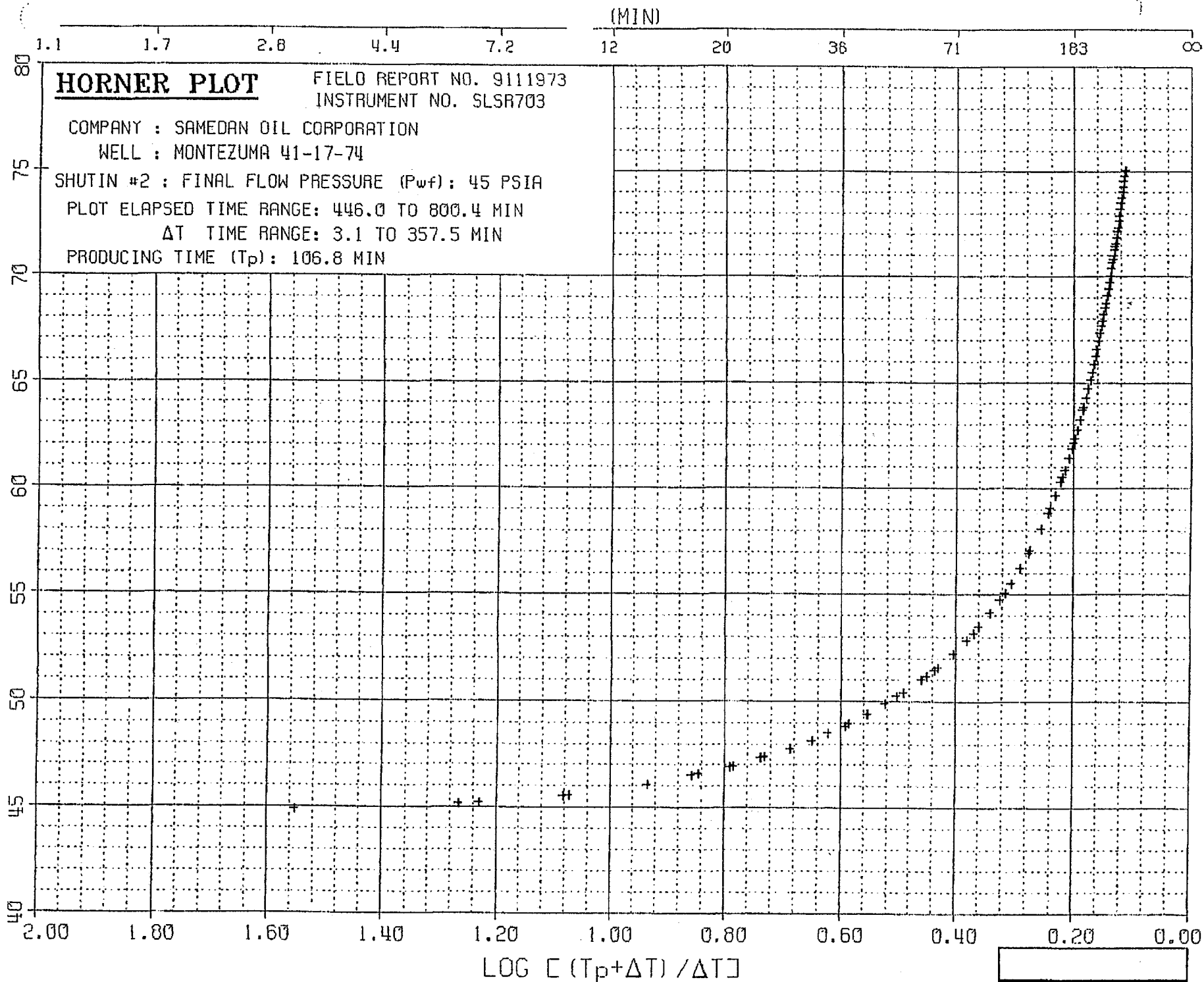
PLOT ELAPSED TIME RANGE: 446.0 TO 800.4 MIN

ΔT TIME RANGE: 3.1 TO 357.5 MIN

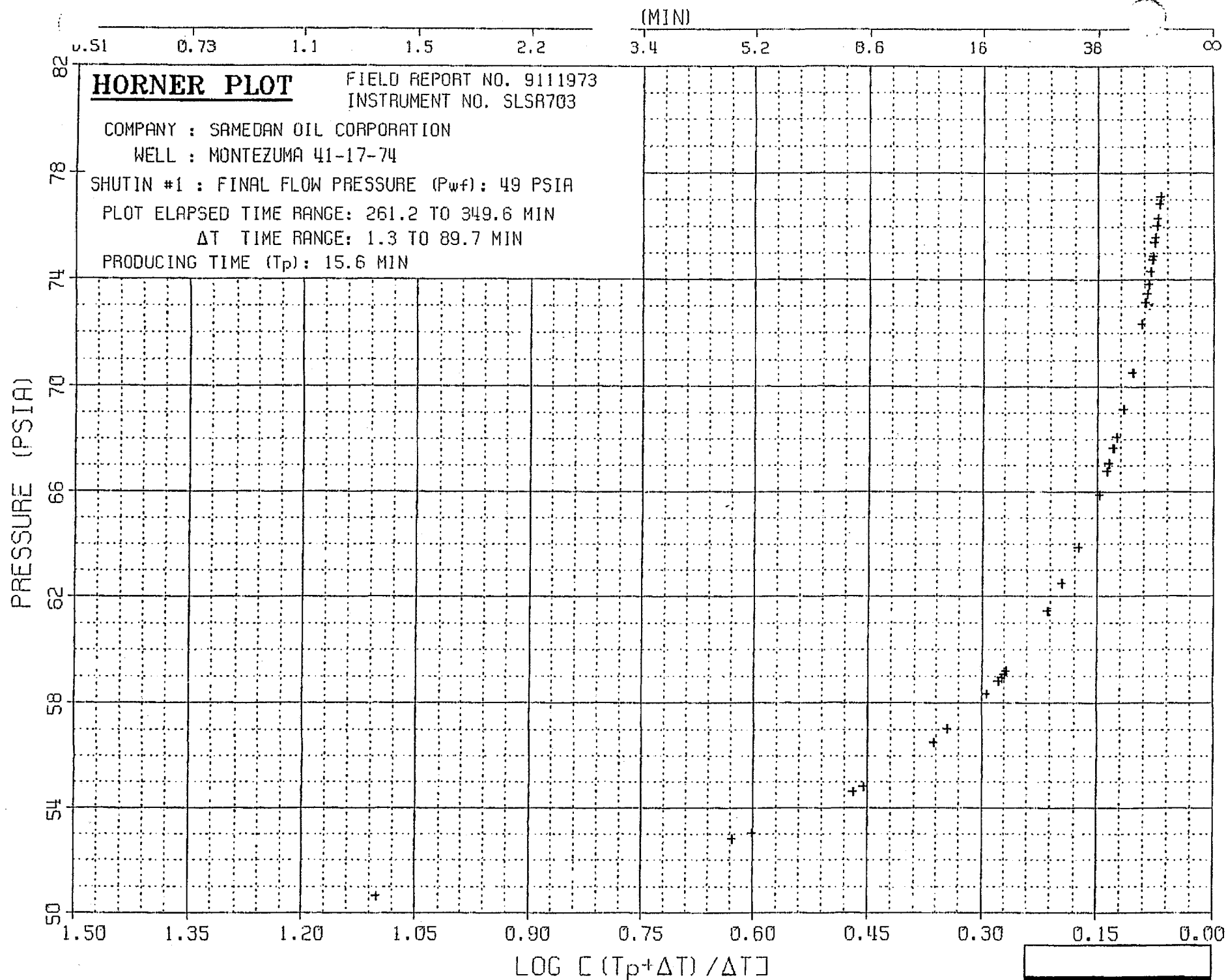


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PRESSURE (PSIA)



Schlumberger



 ** WELL TEST DATA PRINTOUT **

COMPANY: SAMEDAN OIL CORPORATION
 WELL: MONTEZUMA 41-17-74

FIELD REPORT NO. 9111973
 INSTRUMENT NO. SLR703

RECORDER CAPACITY: 10000 PSI PORT OPENING: OUTSIDE DEPTH: 5922 FT

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
1	19:26:21	27-JUL	HYDROSTATIC MUD	239.35	3100.44	126.90
2	19:31:17	27-JUL	START FLOW	244.28	46.97	127.11
3	19:46:53	27-JUL	END FLOW & START SHUT-IN	259.88	49.16	128.17
4	21:16:37	27-JUL	END SHUT-IN	349.62	77.10	131.58
5	21:18:45	27-JUL	START FLOW	351.75	39.67	131.63
6	22:49:57	27-JUL	END FLOW & START SHUT-IN	442.95	44.61	133.16
7	4:47:25	28-JUL	END SHUT-IN	800.42	75.04	135.90
8	4:53:01	28-JUL	HYDROSTATIC MUD	806.02	3055.65	137.57

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	244.28	259.88	15.60	46.97	49.16	46.97
2	351.75	442.95	91.20	39.67	44.61	39.67

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	259.88	349.62	89.74	49.16	77.10	49.16	15.60
2	442.95	800.42	357.47	44.61	75.04	44.61	106.80

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MMM				
19:31:17	27-JUL	244.28	0.00	127.11	46.97
19:46:37	27-JUL	259.62	15.34	128.16	49.76
19:46:53	27-JUL	259.88	15.60	128.17	49.16

TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 49.16 PSIA
PRODUCING TIME = 15.60 MIN

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MMM						
19:46:53	27-JUL	259.88	0.00	128.17	49.16	0.00	
19:48:13	27-JUL	261.22	1.34	128.28	50.64	1.48	1.1018
19:51:41	27-JUL	264.68	4.80	128.59	52.83	3.67	0.6284
19:54:53	27-JUL	267.88	8.00	128.82	54.63	5.47	0.4698
19:58:45	27-JUL	271.75	11.87	129.06	56.53	7.37	0.3644
20:03:01	27-JUL	276.02	16.14	129.29	58.31	9.15	0.2937
20:05:01	27-JUL	278.02	18.14	129.40	59.09	9.93	0.2695
20:11:25	27-JUL	284.42	24.54	129.69	61.42	12.26	0.2137
20:14:13	27-JUL	287.22	27.34	129.79	62.51	13.35	0.1961
20:18:21	27-JUL	291.35	31.47	129.94	63.89	14.73	0.1748
20:25:17	27-JUL	298.28	38.40	130.21	65.86	16.70	0.1481
20:31:33	27-JUL	304.55	44.67	130.41	67.64	18.48	0.1301
20:37:17	27-JUL	310.28	50.40	130.57	69.12	19.96	0.1171
20:43:01	27-JUL	316.02	56.14	130.73	70.49	21.33	0.1065
20:51:41	27-JUL	324.68	64.80	130.98	72.33	23.17	0.0937
20:57:01	27-JUL	330.02	70.14	131.13	73.47	24.31	0.0872
21:03:33	27-JUL	336.55	76.67	131.27	74.74	25.58	0.0804
21:10:37	27-JUL	343.62	83.74	131.45	76.03	26.87	0.0742
21:16:37	27-JUL	349.62	89.74	131.58	77.10	27.94	0.0696

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MMM				
21:18:45	27-JUL	351.75	0.00	131.63	39.67
21:34:37	27-JUL	367.62	15.87	131.95	45.73
21:50:29	27-JUL	383.48	31.73	132.26	45.25
22:07:49	27-JUL	400.82	49.07	132.55	44.94
22:22:53	27-JUL	415.88	64.13	132.78	44.89
22:37:57	27-JUL	430.95	79.20	133.00	46.04
22:49:57	27-JUL	442.95	91.20	133.16	44.61

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 44.61 PSIA
PRODUCING TIME = 106.80 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
22:49:57	27-JUL	442.95	0.00	133.16	44.61	0.00	
22:53:01	27-JUL	446.02	3.07	133.20	44.88	0.27	1.5537
22:56:05	27-JUL	449.08	6.13	133.23	45.16	0.55	1.2654
22:59:33	27-JUL	452.55	9.60	133.27	45.55	0.94	1.0837
23:03:57	27-JUL	456.95	14.00	133.32	46.06	1.45	0.9359
23:07:09	27-JUL	460.15	17.20	133.36	46.49	1.88	0.8579
23:10:29	27-JUL	463.48	20.53	133.41	46.90	2.29	0.7925
23:13:49	27-JUL	466.82	23.87	133.45	47.33	2.72	0.7383
23:17:33	27-JUL	470.55	27.60	133.50	47.75	3.14	0.6875
23:20:37	27-JUL	473.62	30.67	133.52	48.13	3.52	0.6515
23:26:29	27-JUL	479.48	36.53	133.61	48.84	4.23	0.5937
23:31:33	27-JUL	484.55	41.60	133.65	49.43	4.82	0.5523
23:38:53	27-JUL	491.88	48.93	133.74	50.22	5.61	0.5028
23:46:37	27-JUL	499.62	56.67	133.83	50.98	6.37	0.4601
23:52:37	27-JUL	505.62	62.67	133.90	51.57	6.96	0.4320
23:59:01	27-JUL	512.02	69.07	133.95	52.19	7.58	0.4059
0:05:57	28-JUL	518.95	76.00	134.02	52.83	8.22	0.3812
0:12:37	28-JUL	525.62	82.67	134.10	53.47	8.86	0.3602
0:19:33	28-JUL	532.55	89.60	134.17	54.12	9.51	0.3408
0:26:05	28-JUL	539.08	96.13	134.22	54.73	10.12	0.3245
0:34:13	28-JUL	547.22	104.27	134.29	55.49	10.88	0.3063
0:42:05	28-JUL	555.08	112.13	134.37	56.23	11.62	0.2906
0:49:49	28-JUL	562.82	119.87	134.44	56.94	12.33	0.2767
1:03:17	28-JUL	576.28	133.33	134.55	58.08	13.47	0.2555
1:11:33	28-JUL	584.55	141.60	134.62	58.81	14.20	0.2441
1:21:17	28-JUL	594.28	151.33	134.69	59.65	15.04	0.2319
1:28:53	28-JUL	601.88	158.93	134.76	60.29	15.68	0.2232
1:35:33	28-JUL	608.55	165.60	134.80	60.85	16.24	0.2161
1:42:29	28-JUL	615.48	172.53	134.85	61.41	16.80	0.2093
1:47:41	28-JUL	620.68	177.73	134.89	61.84	17.23	0.2044
1:53:57	28-JUL	626.95	184.00	134.94	62.34	17.73	0.1988
2:10:13	28-JUL	643.22	200.27	135.05	63.68	19.07	0.1856
2:28:05	28-JUL	661.08	218.13	135.16	65.09	20.48	0.1731
2:43:09	28-JUL	676.15	233.20	135.27	66.25	21.64	0.1638
3:01:41	28-JUL	694.68	251.73	135.37	67.63	23.02	0.1536
3:17:49	28-JUL	710.82	267.87	135.46	68.83	24.22	0.1457
3:34:29	28-JUL	727.48	284.53	135.55	70.02	25.41	0.1384
3:51:49	28-JUL	744.82	301.87	135.64	71.25	26.64	0.1316
4:07:33	28-JUL	760.55	317.60	135.72	72.32	27.71	0.1259
4:23:49	28-JUL	776.82	333.87	135.79	73.45	28.84	0.1205
4:39:09	28-JUL	792.15	349.20	135.86	74.51	29.90	0.1159
4:47:25	28-JUL	800.42	357.47	135.90	75.04	30.43	0.1135

018
Schlumberger

FIELD REPORT

TYPE OF SERVICE
ON BTH STRADDLEDATE
24-JUL-2002DISTRICT
HOBBSPage
1 of 2

WELL OWNER: SAMEDAN OIL CORPORATION

SERVICE ORDER NUMBER: 8992920

REPORTS ADDRESS: 12600 NORTHBOROUGH / SUITE 250 / HOUSTON, TX 77067 ATTN: LYNN HITT/SCOTT STRINKER

WELL NAME & NO.: MONTEZUMA 41-17-74

FIELD: UNETH

LEASE:

LOCATION: 17/37e/24e

COUNTY: SAN JUAN

STATE: UTAH

TEST NO. ONE

TEST INTERVAL FROM 5714 FT TO 5764 FT = 50 FT

SURFACE DATA

EQUIPMENT SEQUENCE

DESCRIPTION	DATE	TIME OF DAY	PRESSURE	COMPONENTS	OD	ID	LENGTH	DEPTH
OPEN TO 1/8" BUBBLE ROSE	25-JUL			SURFACE FLOWHEAD				
HYDROSTATIC MUD		04:40		DRILL PIPE 16.6#	4.50	3.82	4258.	
SET PACKERS		04:42		DRILL PIPE 20 #	4.50	3.64	930.8	
FLOW POINT-TOOL OPEN		04:45		DRILL COLLARS-9	6.25	2.25	275.2	
BOTTOM OF BUCKET 15 SEC.				PUMP/OUT DISK REVERSING VALVE	6.00	3.00	1.230	
		04:46	2 #	DRILL COLLARS-3	6.25	2.25	90.00	
		04:47	20#	BREAKOFF PIN REVERSING VALVE	6.00	3.00	1.480	
		04:48	60#	DRILL COLLARS-4	6.25	2.25	120.0	
OPEN TO 1/4" CHOKE ONLY		04:49	80#	CROSS OVER SUB	6.25	2.25	1.260	
5 MIN START FLOW		04:50	90#	MFE (MFEV-B)	5.00	0.94	10.02	
8 MINS GAS TO SURFACE		04:53	115#	MFE OH BYPASS (MBYP-B)	5.00	1.18	2.980	
10 MINS		04:55	120#	DC HYDRAULIC JARS	4.75	1.88	7.310	
END FLOW & START SHUT-IN		05:00	130#	SAFETY JOINT (SAJ-BA)	4.75	1.50	2.440	
130# ON 1/4" = 195 MCFD				BOB TAIL PACKER	7.25	1.50	6.120	
OPEN TO 3/4" CHOKE ONLY		05:02		BOB TAIL PACKER	7.25	1.50	7.160	
OPEN TO 1/4" CHOKE ONLY		05:58		PERFORATED ANCHOR	4.75	2.25	14.82	
END SHUT-IN		06:01		DUAL IN/OUT GAUGE HANGER	4.75	1.00	0.760	
FLOW POINT-TOOL OPEN		06:03	0	CROSS OVER SUB	5.75	2.32	1.060	
		06:04	4#	DRILL COLLAR-1	6.25	2.25	28.59	
		06:06	9#	CROSS OVER SUB	5.94	2.37	1.160	
5 MIN START FLOW		06:08	16#	LOWER STRADDLE BYPASS	5.00	0.00	3.610	
10 MIN		06:13	35#	BOB TAIL PACKER	7.25	1.50	7.220	
15 MIN		06:18	45#	BOB TAIL PACKER	7.25	1.50	6.120	
20 MIN		06:23	48#	BLANK PIPE	4.75	2.25	2.470	
25 MIN PRESSURE DROPPING		06:28	46#	INSIDE RECORDER CARRIER	4.88	2.50	7.210	
30 MIN		06:33	43#	CROSS OVER SUB	6.00	2.25	1.120	
35 MIN		06:38	38#	DRILL COLLAR-1	6.25	2.25	29.21	
40 MIN		06:43	31#	CROSS OVER SUB	6.25	2.25	1.180	
45 MIN		06:48	28#	BLANK PIPE	4.75	2.25	15.00	
50 MIN		06:53	23#	OUTSIDE RECORDER CARRIER	4.88	2.50	5.820	
END FLOW & START SHUT-IN		07:03	18#	BULLNOSE	4.75	0.00	0.650	
OPEN TO 3/4" CHOKE ONLY		07:06						
A LAZY 6" FLARE		11:00						
STILL BURNS								
END SHUT-IN		11:08						
PULLED PACKERS LOOSE		11:12						
HYDROSTATIC MUD		11:14						
PULLED TO FLUID								

RECEIVED

AUG 21 2002

DIVISION OF
OIL, GAS AND MINING

RECOVERY DESCRIPTION	FEET	BBLS	OIL GRAVITY	RESISTIVITY	CHLORIDES
HEAVILY GAS					
CUT OIL	405		43.1 °API 60 °F		
EMULSIFIED					
MUD WITH					
20% OIL CUT	500		43.1 °API 60 °F	0.710 OHMS 60 °F	6000 PPM

SERVICE ORDER NUMBER:

8992920

SCHLUMBERGER ENGINEER/TECHNICIAN

BILL GRAYSHAW

Schlumberger

FIELD REPORT

TYPE OF SERVICE
ON BTM STRADDLEDATE
24-JUL-2002DISTRICT
HOBBSPage
2 of 2

INSTRUMENT DATA

INSTRUMENT NO.	SLSR-703	SLSR-704	SLSR-1231	J-1237
CAPACITY (PSIG)	10000	10000	10000	9000
DEPTH	5729	5735	5787	5839
INSIDE-OUTSIDE	OUT	IN	IN	OUT
CLOCK CAP	ELECTRONIC	ELECTRONIC	ELECTRONIC	48 HOURS
TEMPERATURE °F	135	136	136	
I. HYD. PSIG	3040	3036	3067	
I FLOW PSIG	315-178	313-387	TATTLE TALE TELLS	
I.S.I. PSIG	820	822	GAUGE SHOWS THE	
2nd FLOW PSIG			GOOD SEAT SAME	
2nd S.I. PSIG			LOWER ZONE STORY	
F. FLOW PSIG	273-358	272-363	BUILDS UP	
F.S.I. PSIG	600	606	3385	
F. HYD. PSIG	3026	3030	3059	

MUD DATA

MUD TYPE	F/W GEL-PAC	MUD WT	10.0	#/gal
VISCOSITY	43	WATER LOSS	8.2	CC
RESISTIVITY: OF MUD	@	°F		
RESISTIVITY: OF FILTRATE	0.811 @ 60	°F		
CHLORIDES	5200	PPM		
H2S DURING TEST	0	PPM		

WELL BORE DATA

FORMATION TESTED	LOWER PARADOX
NET PRODUCTIVE INTERVAL	2 ft EST. POROSITY 9 %
ELEVATION	4733 ft DEPTH MEASURED FROM KB
TOTAL MEASURED DEPTH	5840 ft
O H SIZE	7.875 in
CASING SIZE	8.62 @ 1983'
LINER SIZE	
PERF INTERVAL FROM	ft TO ft
SHOT DENSITY	

CUSHION	LENGTH	AMOUNT	SURFACE PRESS	BOTTOM CHOKE SIZE
NONE				0.94

SAMPLER DATA

RECOVERY	RESISTIVITY	CHLORIDES
GAS 2.53 C.P.	RECOVERED WATER @ deg F	PPM
OIL 10 C.C.	RECOVERED MUD @ deg F	
WATER 0 C.C.	REC. MUD FILTRATE @ deg F	PPM
MUD 0 C.C.	PIT MUD @ deg F	
GRAVITY °API °F	PIT MUD FILTRATE @ deg F	PPM
GOR -25352 C.F./BBL	SAMPLER PRESSURE 380 psig	

REMARKS:

We had a successful straddle test. The total recovery was 7.5 bbls. There was 5 bbls. of heavily gas cut oil at the top, with about 50% gas in it. The bottom was 2.5 bbls. of moderately emulsified mud with about a 20% oil cut to it. The tattle gauge below the packers showed a good packer seat, but also shows a build up from the bottom zone.

SERVICE ORDER NUMBER:

8992920

SCHLUMBERGER ENGINEER/TECHNICIAN

BILL GRAYSHAW

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AUG 21 2002

DIVISION OF
OIL, GAS AND MINING

REPORT NO.
8992920

PAGE NO. 1

TEST DATE:
24-JUL-2002

STAR

Schlumberger Testing Data Report Pressure Data Report

Schlumberger

COMPANY: SAMEDAN OIL CORPORATION

WELL: MONTEZUMA 41-17-74

TEST IDENTIFICATION

Test Type ON BTM STRADDLE
Test No. ONE
Formation LOWER PARADOX
Test Interval (ft) 5714 to 5764
Depth Reference KB

WELL LOCATION

Field UNETH
County SAN JUAN
State UTAH
Sec/Twn/Rng 17/37s/24e
Elevation (ft) 4733

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 5840
Hole Size (in) 7.875
Casing/Liner I.D. (in) 8.62 @ 1983'
Perf'd Interval/Net Pay (ft) .. / 2
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type F/W GEL-PAC
Mud Weight (lb/gal) 10.0
Mud Resistivity (ohm.m)
Filtrate Resistivity (ohm.m) .. 0.811 @ 60F
Filtrate Chlorides (ppm) 5200

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 3040.29
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 5189 / 3.64
Collar Length (ft)/I.D. (in) .. 543 / 2.25
Packer Depths (ft)
Bottomhole Choke Size (in) ... 0.94
Gauge Depth (ft)/Type 5729/SLSA-703

NET PIPE RECOVERY

Volume	Fluid Type	Properties
	HEAVILY GAS	
405 ft	CUT OIL	API 43.1 @ 60F
	EMULSIFIED	
	MUD WITH	
500 ft	20% OIL CUT	API 43.1 @ 60F Rwd 0.71 @

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
2.53 cuft	Gas	
10 cc	Oil	
0 cc	Water	
0 cc	Mud	
Pressure: 380		GOR: 40184 GLR: 40184

INTERPRETATION RESULTS

Model of Behavior
Fluid Type Used for Analysis ..
Reservoir Pressure (psi)
Transmissibility (md.ft/cp) ..
Effective Permeability (md) ..
Skin Factor/Damage Ratio
Storativity Ratio, Omega
Interporos.Flow Coef..Lambda..
Distance to an Anomaly (ft) ..
Radius of Investigation (ft) ..
Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API)
Basic Solids (%)
Gas Gravity
GOR (scf/STB)
Water Cut (%)
Viscosity (cp)
Total Compressibility (1/psi) ..
Porosity (%) 9
Reservoir Temperature (F) 135
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

We had a successful straddle test. The total recovery was 7.5 bbls. There was 5 bbls. of heavily gas cut oil at the top, with about 50% gas in it. The bottom was 2.5 bbls. of moderately emulsified mud with about a 20% oil cut to it. The tattle gauge below the packers showed a good packer seat, but also shows a build up from the bottom zone.

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WELL TEST INTERPRETATION REPORT #:8992920		PAGE: 2,
CLIENT : SAMEDAN OIL CORPORATION		25-JUL-***
REGION : CSD	SEQUENCE OF EVENTS	FIELD: UNETH
DISTRICT: HOBBS		ZONE : LOWER PARADOX
BASE : MIDLAND		WELL : MONTZMA 41-17
ENGINEER: BILL GRAYSHAW		LOCATION: 17/37s/24e

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
25-JUL		OPEN TO 1/8" BUBBLE HOSE			
	04:40	HYDROSTATIC MUD	-10	3040	
	04:42	SET PACKERS	-8		
	04:45	FLOW POINT-TOOL OPEN BOTTOM OF BUCKET 15 SEC.	-5		
	04:46		-4		2 #
	04:47		-3		20#
	04:48		-2		60#
	04:49	OPEN TO 1/4" CHOKE ONLY	-1		80#
	04:50	5 MIN START FLOW	0	315	90#
	04:53	8 MINS GAS TO SURFACE	3		115#
	04:55	10 MINS	5		120#
	05:00	END FLOW & START SHUT-IN 130# ON 1/4" = 195 MCFO	10	379	130#
	05:02	OPEN TO 3/4" CHOKE ONLY	12		
	05:58	OPEN TO 1/4" CHOKE ONLY	68		
	06:01	END SHUT-IN	71	820	
	06:03	FLOW POINT-TOOL OPEN	73		0
	06:04		74		4#
	06:06		76		9#
	06:08	5 MIN START FLOW	78	273	16#
	06:13	10 MIN	83		35#
	06:18	15 MIN	88		45#
	06:23	20 MIN	93		48#
	06:28	25 MIN PRESSURE DROPPING	98		46#
	06:33	30 MIN	103		43#
	06:38	35 MIN	108		38#
	06:43	40 MIN	113		31#
	06:48	45 MIN	118		28#
	06:53	50 MIN	123		23#
	07:03	END FLOW & START SHUT-IN	133	358	18#

Continued next page

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DIVISION OF
OIL, GAS AND MINING

WELL TEST INTERPRETATION REPORT #: 8992920		PAGE: 3,
CLIENT : SAMEDAN OIL CORPORATION		25-JUL-88
REGION : CSD	SEQUENCE OF EVENTS Continued	FIELD: UNETH
DISTRICT: HOBBS		ZONE : LOWER PARADOX
BASE : MIDLAND		WELL : MONTZMA 41-17
ENGINEER: BILL GRAYSHAW		LOCATION: 17/37s/24e

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
	07:06	OPEN TO 3/4" CHOKE ONLY	136		
	11:00	A LAZY 6" FLARE STILL BURNS	370		
	11:08	END SHUT-IN	378	600	
	11:12	PULLED PACKERS LOOSE	382		
	11:14	HYDROSTATIC MUD PULLED TO FLUID	384	3026	

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DIVISION OF
OIL, GAS AND MINING

WELL TEST INTERPRETATION REPORT #:8992920		PAGE: 12,
CLIENT : SAMEDAN OIL CORPORATION		25-JUL-88
REGION : CSD	DISTRIBUTION OF REPORTS	FIELD: UNETH
DISTRICT: HOBBS		ZONE : LOWER PARADOX
BASE : MIDLAND		WELL : MONTZMA 41-17
ENGINEER: BILL GRAYSHAW		LOCATION: 17/37s/24e

SCHLUMBERGER has sent copies of this report to the following:

SAMEDAN OIL CORPORATION
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SUITE 250
HOUSTON, TX 77067
Attn: LYNN HITT/SCOTT STEINKE
(6 copies)

EVERGREEN RESOURCES
1401 SEVENTEENTH STREET
SUITE 1200
DENVER, CO 80202
Attn: DENNIS CARLTON
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ROBERT G. GRUNDY
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MORRISON, CO 80465
(1 copy)

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MOAB, UT 84532
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SAMEDAN OIL CORPORATION
MONTEZUMA 41-17-74
TOOL STRING SCHEMATIC

	TOOL DESCRIPTION	OD	ID	LENGTH	DEPTH
	SURFACE FLOWHEAD				0
	DRILL PIPE 16.6#	4.50	3.82	4258.	4258
	DRILL PIPE 20 #	4.50	3.64	930.8	5188.8
	DRILL COLLARS-9	6.25	2.25	275.2	5464
	PUMPOUT DISK REVERSING VALVE	6.00	3.00	1.230	5465.23
	DRILL COLLARS-3	6.25	2.25	90.00	5555.23
	BREAKOFF PIN REVERSING VALVE	6.00	3.00	1.480	5556.71
	DRILL COLLARS-4	6.25	2.25	120.0	5676.71
	CROSS OVER SUB	6.25	2.25	1.260	5677.97
	MFE (MFEV-B)	5.00	0.94	10.02	5687.99
	MFE OH BYPASS (MBYP-B)	5.00	1.18	2.980	5690.97
	DC HYDRAULIC JARS	4.75	1.88	7.310	5698.28
	SAFETY JOINT (SAJ-BA)	4.75	1.50	2.440	5700.72
	BOB TAIL PACKER	7.25	1.50	6.120	5706.84
	BOB TAIL PACKER	7.25	1.50	7.160	5714
	PERFORATED ANCHOR	4.75	2.25	14.82	5728.82
	DUAL IN/OUT GAUGE HANGER	4.75	1.00	0.760	5729.58
	CROSS OVER SUB	5.75	2.32	1.060	5730.64
	DRILL COLLAR-1	6.25	2.25	28.59	5759.23
	CROSS OVER SUB	5.94	2.37	1.160	5760.39
	LOWER STRADDLE BYPASS	5.00	0.00	3.610	5764
	BOB TAIL PACKER	7.25	1.50	7.220	5771.22
	BOB TAIL PACKER	7.25	1.50	6.120	5777.34
	BLANK PIPE	4.75	2.25	2.470	5779.81
	INSIDE RECORDER CARRIER	4.88	2.50	7.210	5787.02
	CROSS OVER SUB	6.00	2.25	1.120	5788.14
	DRILL COLLAR-1	6.25	2.25	29.21	5817.35
	CROSS OVER SUB	6.25	2.25	1.180	5818.53
	BLANK PIPE	4.75	2.25	15.00	5833.53
	OUTSIDE RECORDER CARRIER	4.88	2.50	5.820	5839.35
	BULLNOSE	4.75	0.00	0.650	5840

Report Number: 8992920

Test Number: ONE

Test Date: 24-JUL-2002

Schlumberger

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 8992920

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR703

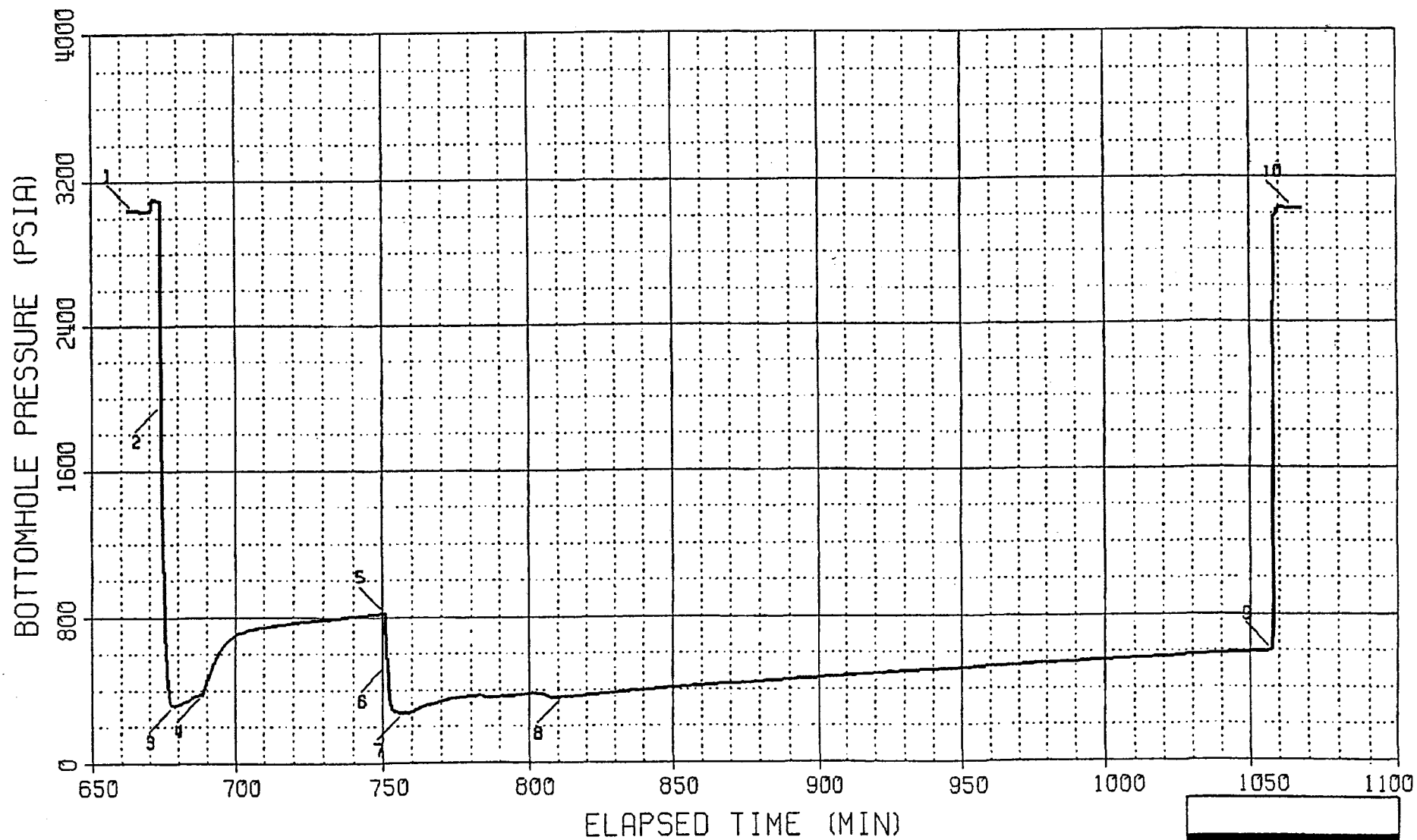
WELL : MONTEZUMA 41-17-74

DEPTH : 5729 FT

CAPACITY : 10000 PSI

Electronic Pressure Data

PORT OPENING : OUTSIDE



BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 8992920

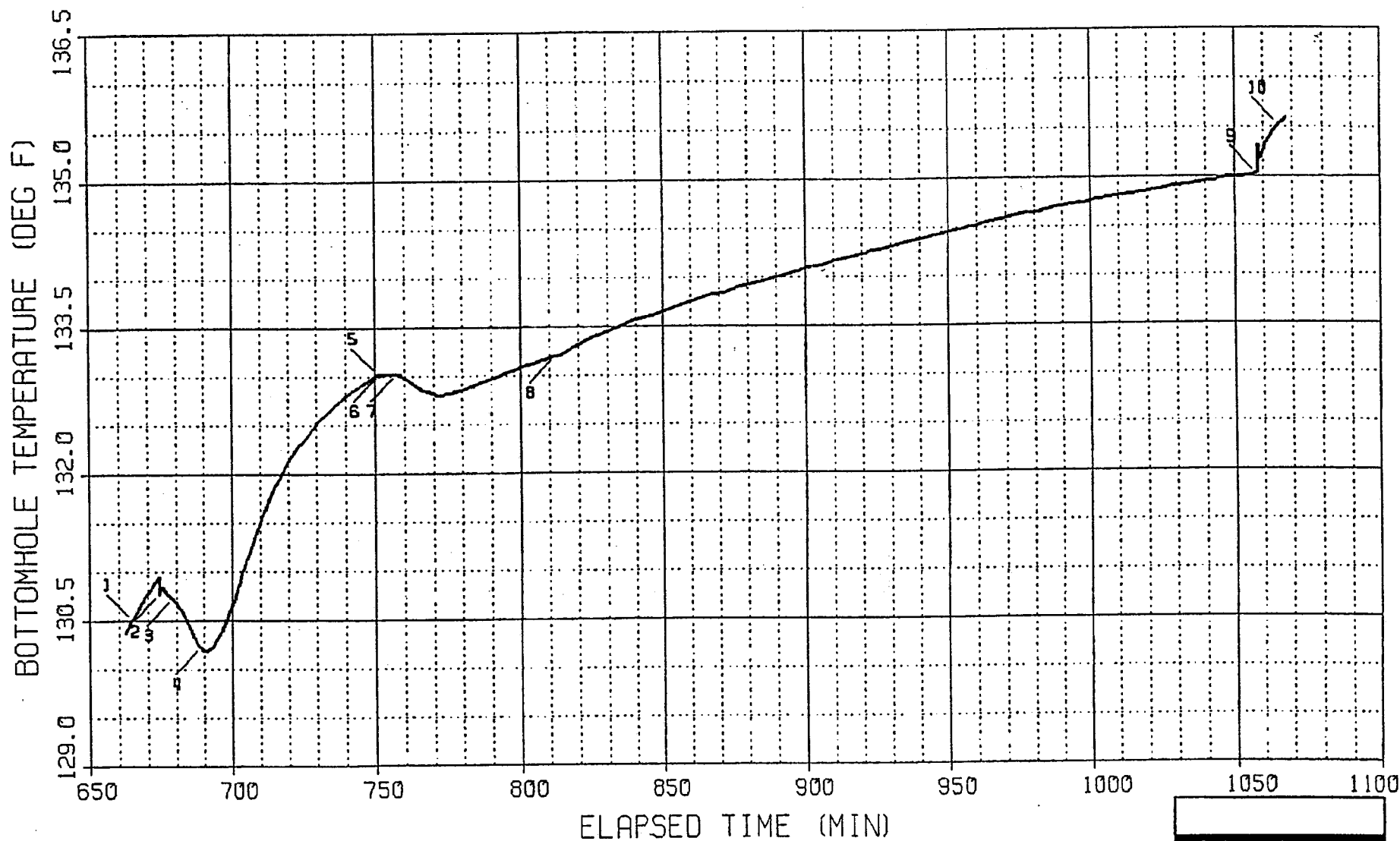
COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR703

WELL : MONTEZUMA 41-17-74

DEPTH : 5729 FT

Electronic Temperature Data



LOG LOG PLOT

COMPANY : SAMEDAN OIL CORPORATION

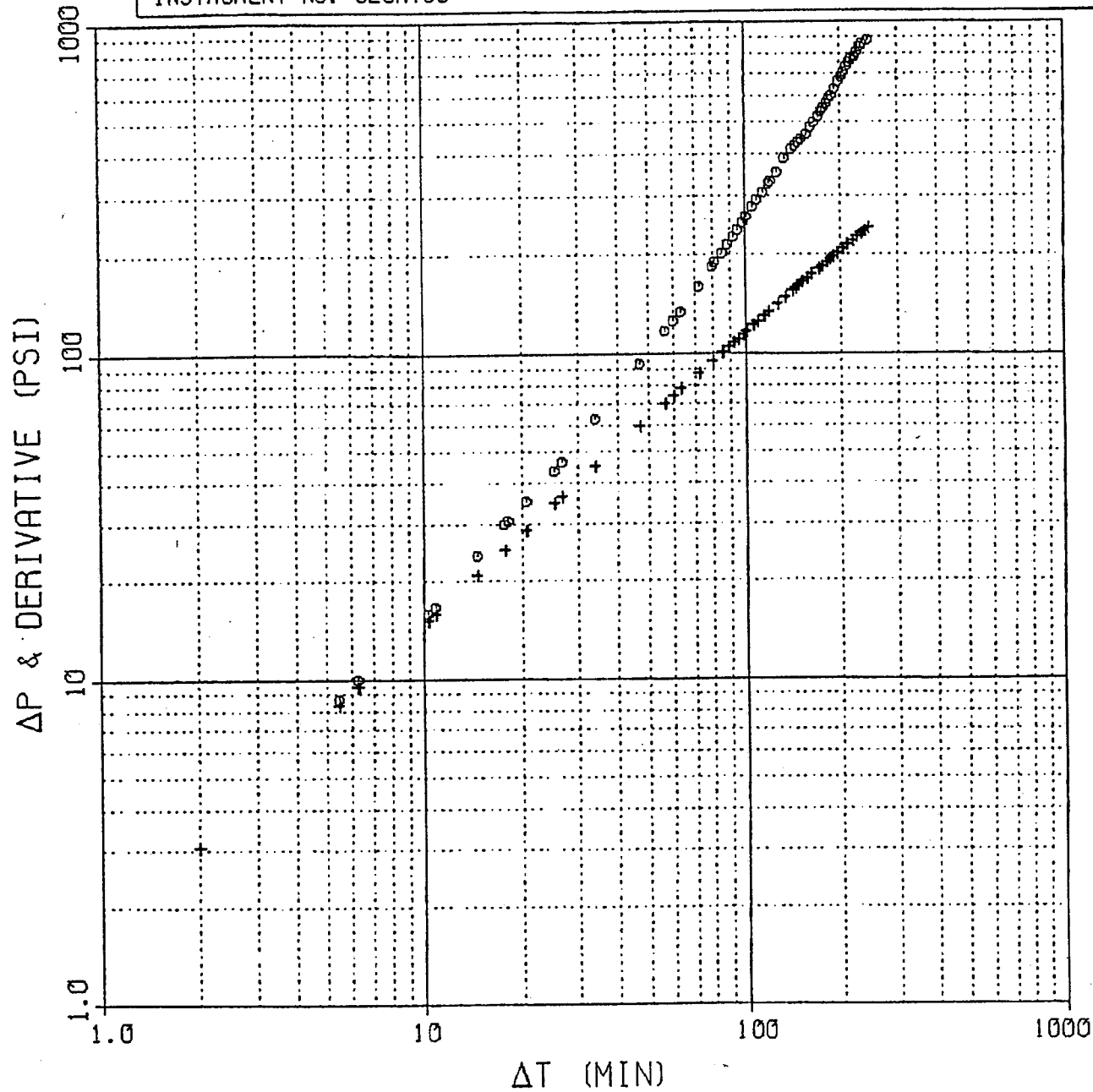
WELL : MONTEZUMA 41-17-74

FIELD REPORT NO. 8992920

INSTRUMENT NO. SLSR703

SHUTIN #2 : PRODUCING TIME (T_p): 64.5 MINFINAL FLOW PRESSURE (P_{wf}): 358 PSIA

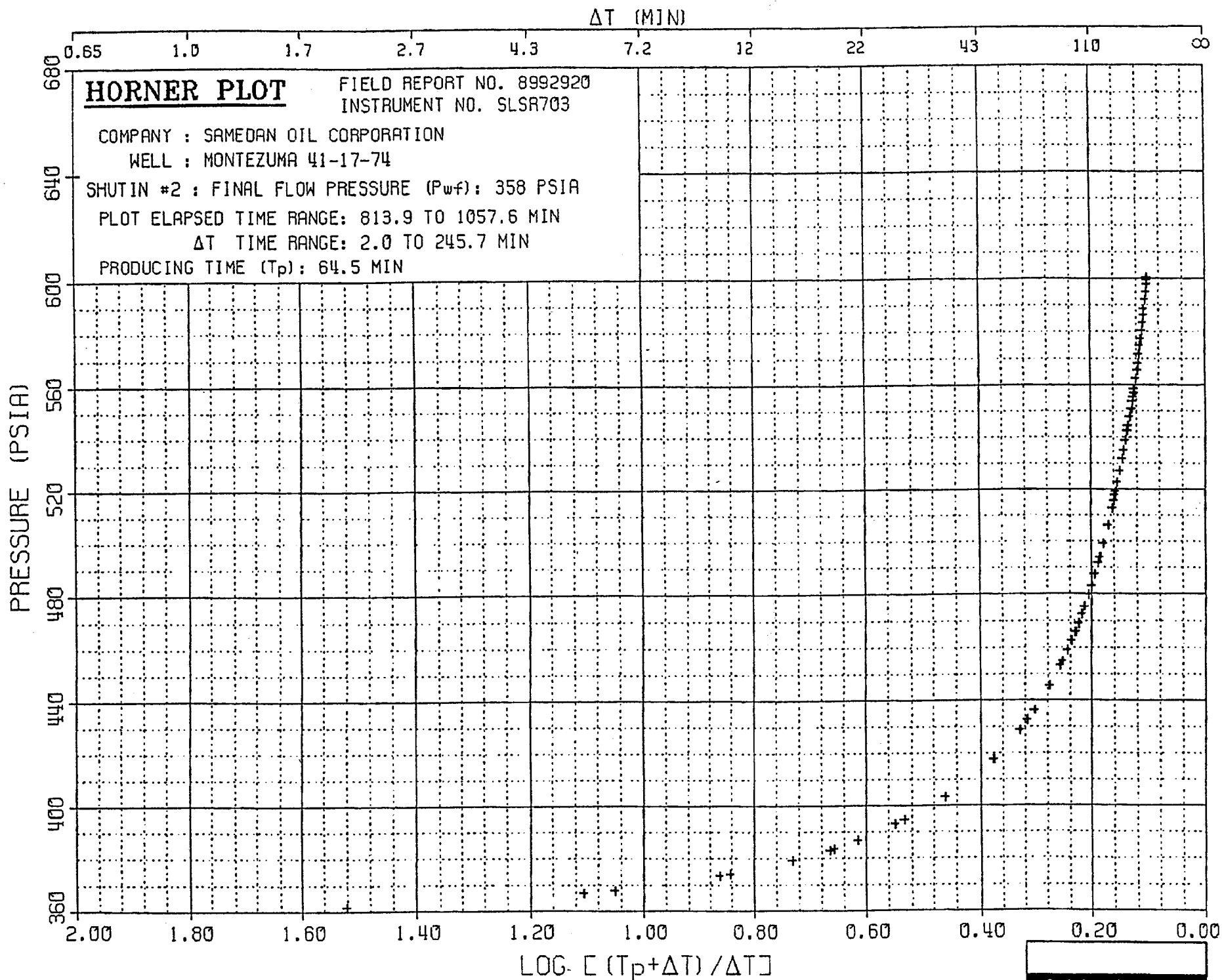
PLOT ELAPSED TIME RANGE: 813.9 TO 1057.6 MIN

 ΔT TIME RANGE: 2.0 TO 245.7 MIN

P:12

TO 318766106

UL-26-2002 12:23A FROM:

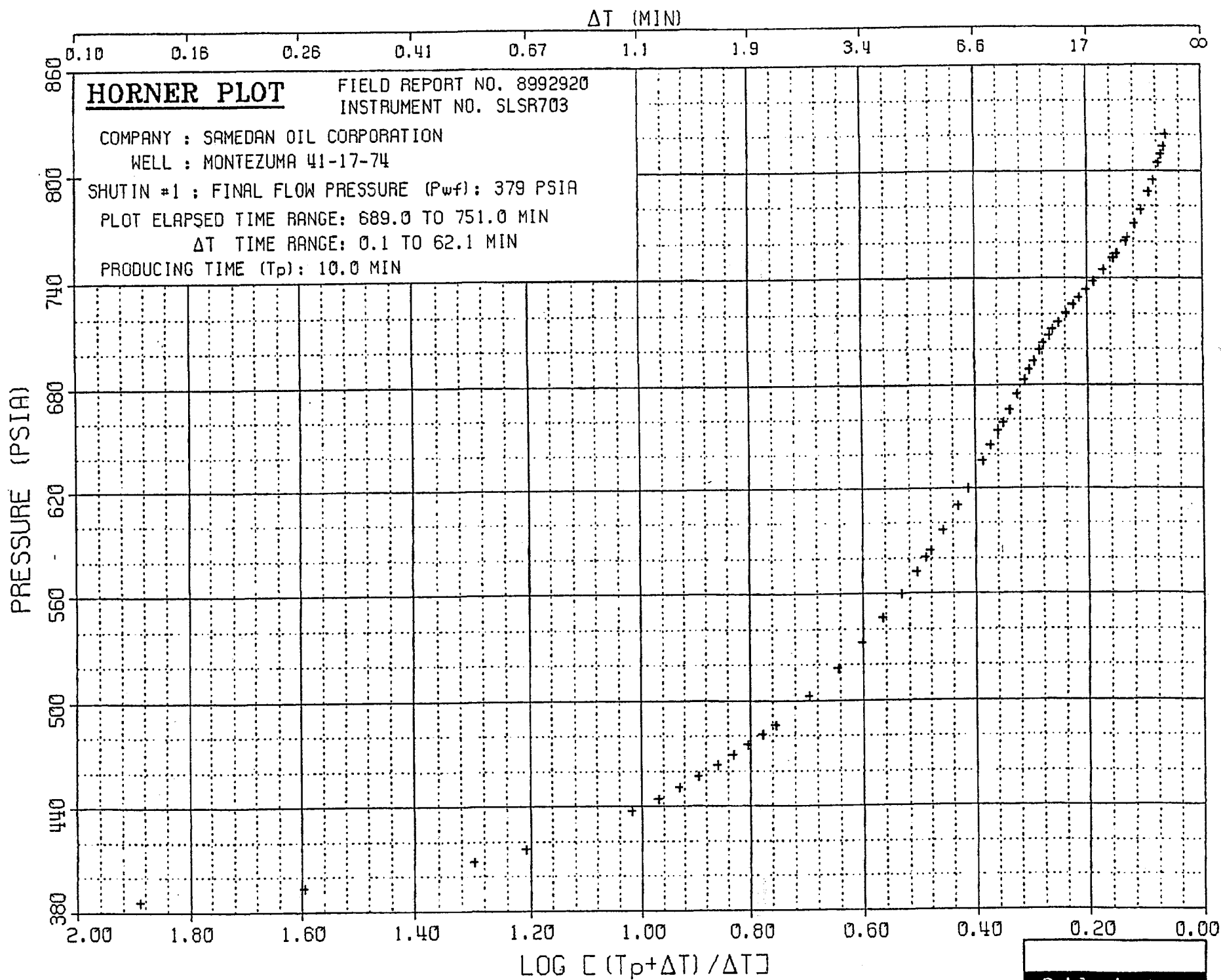


Schlumberger

P:13

TR 318766106

UL-26-2002 12:23A FROM:



Schlumberger

 ** WELL TEST DATA PRINTOUT **

COMPANY: SAMEDAN OIL CORPORATION
 WELL: MONTEZUMA 41-17-74

FIELD REPORT NO. 8992920
 INSTRUMENT NO. SLSR703

RECORDER CAPACITY: 10000 PSI PORT OPENING: OUTSIDE DEPTH: 5729 FT

ABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
1	4:36:03	25-JUL	HYDROSTATIC MUD	664.55	3040.29	130.50
2	4:45:39	25-JUL	FLOW POINT	674.15	1963.91	130.77
3	4:50:19	25-JUL	START FLOW	678.82	315.16	130.73
4	5:00:19	25-JUL	END FLOW & START SHUT-IN	688.82	378.77	130.23
5	6:02:27	25-JUL	END SHUT-IN	750.95	820.12	133.02
6	6:03:15	25-JUL	FLOW POINT	751.75	539.00	133.02
7	6:08:51	25-JUL	START FLOW	757.35	273.26	133.02
8	7:03:23	25-JUL	END FLOW & START SHUT-IN	811.88	358.27	133.20
9	11:09:07	25-JUL	END SHUT-IN	1057.62	600.42	135.03
0	11:16:43	25-JUL	HYDROSTATIC MUD	1065.22	3026.33	135.52

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	678.82	688.82	10.00	315.16	378.77	315.16
2	757.35	811.88	54.53	273.26	358.27	273.26

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	688.82	750.95	62.13	378.77	820.12	378.77	10.00
2	811.88	1057.62	245.74	358.27	600.42	358.27	64.53

FIELD REPORT # 8992920

INSTRUMENT # SLSR703

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EST PHASE: FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
4:50:19	25-JUL	678.82	0.00	130.73	315.16
5:00:19	25-JUL	688.82	10.00	130.23	378.77

EST PHASE: SHUTIN PERIOD # 1

 FINAL FLOW PRESSURE = 378.77 PSIA
 PRODUCING TIME = 10.00 MIN

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
5:00:19	25-JUL	688.82	0.00	130.23	378.77	0.00	
5:01:23	25-JUL	689.88	1.06	130.19	437.28	58.51	1.0185
5:02:27	25-JUL	690.95	2.13	130.19	486.03	107.26	0.7555
5:03:39	25-JUL	692.15	3.33	130.21	532.28	153.51	0.6024
5:04:51	25-JUL	693.35	4.53	130.23	572.22	193.45	0.5062
5:06:11	25-JUL	694.68	5.86	130.30	609.95	231.18	0.4324
5:07:15	25-JUL	695.75	6.93	130.35	635.98	257.21	0.3879
5:08:19	25-JUL	696.82	8.00	130.41	658.07	279.30	0.3522
5:09:47	25-JUL	698.28	9.46	130.51	682.87	304.10	0.3133
5:11:07	25-JUL	699.62	10.80	130.62	699.49	320.72	0.2846
5:13:07	25-JUL	701.62	12.80	130.78	715.22	336.45	0.2507
5:15:55	25-JUL	704.42	15.60	131.02	728.96	350.19	0.2151
5:18:35	25-JUL	707.08	18.26	131.25	738.12	359.35	0.1897
5:20:43	25-JUL	709.22	20.40	131.43	744.31	365.54	0.1732
5:23:31	25-JUL	712.02	23.20	131.63	751.39	372.62	0.1557
5:27:31	25-JUL	716.02	27.20	131.90	760.55	381.78	0.1360
5:31:55	25-JUL	720.42	31.60	132.13	769.98	391.21	0.1194
5:41:39	25-JUL	730.15	41.33	132.51	787.91	409.14	0.0941
5:51:47	25-JUL	740.28	51.46	132.80	804.04	425.27	0.0771
5:58:03	25-JUL	746.55	57.73	132.93	813.49	434.72	0.0694
6:02:27	25-JUL	750.95	62.13	133.02	820.12	441.35	0.0648

EST PHASE: FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
6:08:51	25-JUL	757.35	0.00	133.02	273.26
6:23:55	25-JUL	772.42	15.07	132.80	349.68
6:39:15	25-JUL	787.75	30.40	132.94	359.78
6:54:19	25-JUL	802.82	45.47	133.11	379.51
7:03:23	25-JUL	811.88	54.53	133.20	358.27

IELD REPORT # 8992920

INSTRUMENT # SLSR703

PAGE 3

3ST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 358.27 PSIA
PRODUCING TIME = 64.53 MIN

TIME OF DAY H:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
7:03:23	25-JUL	811.88	0.00	133.20	358.27	0.00	
7:05:23	25-JUL	813.88	2.00	133.21	361.32	3.05	1.5220
7:08:51	25-JUL	817.35	5.47	133.27	366.55	8.28	1.1071
7:13:39	25-JUL	822.15	10.27	133.34	373.33	15.06	0.8623
7:18:03	25-JUL	826.55	14.67	133.41	379.09	20.82	0.7323
7:21:07	25-JUL	829.62	17.74	133.45	383.11	24.84	0.6663
7:24:03	25-JUL	832.55	20.67	133.48	386.92	28.65	0.6151
7:28:51	25-JUL	837.35	25.47	133.54	392.93	34.66	0.5482
7:37:23	25-JUL	845.88	34.00	133.61	403.37	45.10	0.4621
7:50:11	25-JUL	858.68	46.80	133.74	417.90	59.63	0.3764
7:59:39	25-JUL	868.15	56.27	133.83	428.54	70.27	0.3318
8:06:43	25-JUL	875.22	63.34	133.88	436.24	77.97	0.3051
8:15:31	25-JUL	884.02	72.14	133.95	445.43	87.16	0.2775
8:22:51	25-JUL	891.35	79.47	134.01	453.04	94.77	0.2582
8:28:43	25-JUL	897.22	85.34	134.06	459.05	100.78	0.2446
8:35:23	25-JUL	903.88	92.00	134.11	465.78	107.51	0.2308
8:41:55	25-JUL	910.42	98.54	134.17	472.36	114.09	0.2188
8:49:31	25-JUL	918.02	106.14	134.22	479.88	121.61	0.2063
8:57:23	25-JUL	925.88	114.00	134.28	487.61	129.34	0.1948
9:03:47	25-JUL	932.28	120.40	134.33	493.80	135.53	0.1864
9:09:23	25-JUL	937.88	126.00	134.37	499.09	140.82	0.1796
9:16:59	25-JUL	945.48	133.60	134.42	506.27	148.00	0.1711
9:23:39	25-JUL	952.15	140.27	134.47	512.57	154.30	0.1644
9:29:15	25-JUL	957.75	145.87	134.51	517.69	159.42	0.1591
9:34:43	25-JUL	963.22	151.34	134.55	522.58	164.31	0.1542
9:39:47	25-JUL	968.28	156.40	134.58	526.92	168.65	0.1500
9:45:15	25-JUL	973.75	161.87	134.62	531.60	173.33	0.1457
9:53:47	25-JUL	982.28	170.40	134.65	538.76	180.49	0.1395
0:00:19	25-JUL	988.82	176.94	134.71	544.20	185.93	0.1350
0:08:03	25-JUL	996.55	184.67	134.74	550.58	192.31	0.1302
0:26:11	25-JUL	1014.68	202.80	134.83	565.34	207.07	0.1200
0:41:47	25-JUL	1030.28	218.40	134.91	578.02	219.75	0.1124
0:59:23	25-JUL	1047.88	236.00	135.00	591.94	233.67	0.1050
1:09:07	25-JUL	1057.62	245.74	135.03	600.42	242.15	0.1013

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 8992920

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR1231

WELL : MONTEZUMA 41-17-74

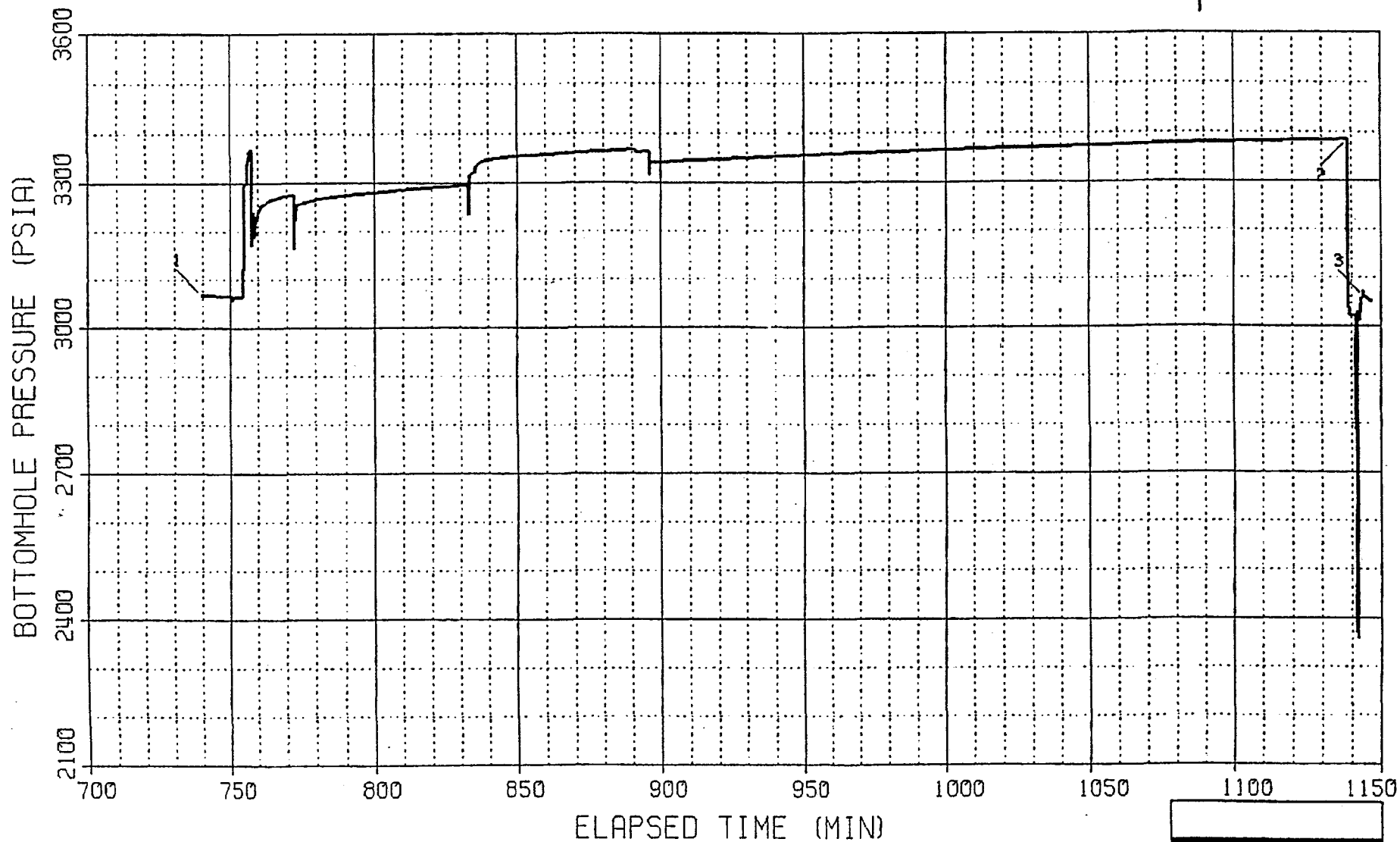
DEPTH : 5787 FT

CAPACITY : 10000 PSI

Electronic Pressure Data

PORT OPENING : INSIDE

TATTLE TALE
GAUGE BELOW THE
PACKERS



Schlumberger

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU 73028

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
SAMEDAN OIL CORPORATION
Contact: JANIS VERCHER
E-Mail: jvercher@nobleenergyinc.com

8. Lease Name and Well No.
MONTEZUMA 41-17-74

3. Address 12600 NORTHBOROUGH, SUITE 250
HOUSTON, TX 77067

3a. Phone No. (include area code)
Ph: 281.872.2505

9. API Well No.
43-037-31765

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NENE 630FNL 940FEL

At top prod interval reported below

At total depth NENE 630FNL 940FEL

10. Field and Pool, or Exploratory
WILDCAT

11. Sec., T., R., M., or Block and Survey
or Area Sec 17 T37S R24E Mer SLB

12. County or Parish
SAN JUAN

13. State
UT

14. Date Spudded
07/10/2002

15. Date T.D. Reached
07/29/2002

16. Date Completed
☒ D & A ☐ Ready to Prod.
08/01/2002

17. Elevations (DF, KB, RT, GL)*
5720 GL

18. Total Depth: MD 6235
TVD

19. Plug Back T.D.: MD 6235
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL INDUCTION, WAVE SONIC, DENSITY, NEUTRON
8-21-02 8-5-02 HRT-8-5-02

22. Was well cored? ☐ No ☒ Yes (Submit analysis)
Was DST run? ☐ No ☒ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	24.0	0	1983		800	60		

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) N/A	0	0				
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/01/2002	08/01/2002	0	→	0.0	0.0	0.0			OTHER
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		0.0	→					P+A	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #13399 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

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AUG 21 2002

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OIL, GAS AND MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
NO MEASURABLE GAS

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				UPPER ISMAY	5870
				ISMAY POROSITY	5960
				HOVENWEEP SHALE	5971
				LOWER ISMAY	5994
				GOTHIC SHALE	6043
				UPPER DESERT CREEK	6065
				LOWER DESERT CREEK	6130
				CHIMNEY ROCK	6166

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32. Additional remarks (include plugging procedure):

Copies of all logs and all data analyses will follow via the U.S. Mail under separate cover.

cc: State of Utah (UDOGM)

AUG 21 2002

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OIL, GAS AND MINING**

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #13399 Verified by the BLM Well Information System.
For SAMEDAN OIL CORPORATION, sent to the Moab

Name (please print) JANIS VERCHER

Title REPORT PREPARER

Signature



(Electronic Submission)

Date 08/13/2002

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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020

GEOLOGICAL WELL REPORT

Samedan Oil Corporation
Montezuma #41-17-74 43-037-31765
NE NE 17 (630' FNL, 940' FEL) T37S R24E
San Juan County, Utah
Wildcat
ELEVATIONS: 5720' Ground, 5733' KB
CASING: 46 Jts 24# J55 STC 8 5/8", Set at 1983' KB
SPUD: 7/10/02; COMPLETED: 7/30/02
TOTAL DEPTH: 6200' Drill Depth; 6235' Log Depth
STATUS: Plugged and Abandoned

DRILLING CONTRACTOR: Cyclone Drilling, Rig 16
DRAWWORKS: Unit U-15
POWER: 2 D353 Caterpillars
PUMPS: 1) National 9P100, 9 1/4" stroke; 2) National 8P80, 8 1/2" stroke
TOOLPUSHER: Roger Schindler

CORES: Baker Hughes, Casper, Wyoming
Core #1: 5840 - 5900', Upper Ismay
CORE DESTINATION: Omni Laboratory, Inc., Houston, Texas; Aaron Lasker
DRILL STEM TESTS: Schlumberger Well Services, Hobbs, New Mexico
DST #1: 5814 - 5864' Lower Paradox, Valid Test; Bill Grayshaw
DST #2: 5915 - 5965' Upper Ismay, Valid Test; Bill Grayshaw
LOGGING: Halliburton, Casper, Wyoming; W. Stoltz
Dual Induction: 1983 - 6225'
Wave Sonic: 0 - 6225'
Density Neutron: 4700 - 6199'
MUD & CHEMICALS: Baroid Drilling Fluids, Farmington, New Mexico; Rory Martin
MUD LOGGING: Hot Wire/Chromatograph 5000' - 6200', unmanned unit - *Stated with log files*
SAMPLES: 10' Interval from 5000' to Total Depth
ENGINEER: Randy Shelton, Monticello, Utah
GEOLOGIST: Paul B. Slack, Aurora, Colorado

DAILY CHRONOLOGY

(6 am status)

<u>DAY</u>	<u>DATE</u>	<u>DEPTH AND OPERATION</u>	<u>FOOTAGE</u>	<u>REMARKS</u>
1	7/11/02	Drilling @ 199'	157'	Spud 2300 hrs 7/10/02
2	7/12/02	Drilling @ 569'	370'p	
3	7/13/02	Drilling @ 1495'	926'	
4	7/14/02	Drilling @ 1973'	478'	
5	7/15/02	Running Surface Csg @ 1984'	11'	
6	7/16/02	WOC @ 1984'	0'	Ran Surface Casing
7	7/17/02	Drilling @ 3004'	1020'	
8	7/18/02	Drilling @ 3665'	661'	
9	7/19/02	Tripping @ 4195'	530'	
10	7/20/02	Drilling @ 4521'	326'	
11	7/21/02	Drilling @ 4992'	471'	
12	7/22/02	Drilling @ 5282'	290'	
13	7/23/02	Drilling @ 5602'	320'	
14	7/24/02	Drilling @ 5822'	220'	
15	7/25/02	Running DST #1 @ 5840'	18'	Ran DST #1 – Valid Test Cut 60', Recovered 60'
16	7/26/02	Cutting Core #1 @ 5874'	34'	
17	7/27/02	Drilling @ 5937'	61'	
18	7/28/02	Trip Out w/Test Tool @ 5965'	28'	Ran DST #2 – Valid Test
19	7/29/02	Drilling @ 6092'	127'	
20	7/30/02	Logging @ 6200'	108'	TD reached 1945 hrs 7/29/02 Wait on Partner Approval to Plug
21	7/31/02	Circ. WOO @ 6200'	0'	
22	8/1/02	Circ. WOO @ 6200'	0'	
23	8/2/02	Plugged and Abandoned	0'	Released Cyclone Rig 16

BIT RECORD

<u>BIT #</u>	<u>SIZE</u>	<u>MAKE</u>	<u>TYPE</u>	<u>DEPTH OUT</u>	<u>FTG</u>	<u>HRS</u>	<u>Ft/Hr</u>
1	12 1/4	HTC	EHT11G	346'	293'	15.5	18.9
2	12 1/4	RTC	PH3958	1892'	1546'	43.5	35.5
3	12 1/4	HTC	ETD1GJM	1984'	92'	5.5	16.7
4	7 7/8	RTC	HP51X	4194'	2219'	62.5	35.5
5	7 7/8	RTC	HP53	5840'	1646'	107.0	15.4
6	6 3/4	HTC	RC176	5900'	60'	5.75	10.4
7	7 7/8	RTC	HP53rr	6200'	300'	28.5	10.5

FORMATION TOPS

<u>ZONE</u>	<u>SAMPLE TOP</u>	<u>LOG TOP</u>	<u>SEA LEVEL DATUM (LOG)</u>
Upper Ismay	5832'	5870'	(-137')
Ismay Porosity	5924'	5960'	(-227')
Hovenweep Shale	5948'	5971'	(-238')
Lower Ismay	5962'	5994'	(-261')
Gothic Shale	6001'	6043'	(-310')
Upper Desert Creek	6030'	6065'	(-332')
Lower Desert Creek	6100'	6130'	(-397')
Chimney Rock	6128'	6166'	(-433')
Total Depth	6200'	6235'	(-502')

DEVIATION SURVEYS

<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
482'	1.0	3533'	1.0
977'	6.0	4032'	1.5
1008'	1.5	4521'	1.0
1499'	5.5	5019'	1.0
1511'	1.0	5521'	1.25
1942'	2.25		
2498'	1.5		
3026'	2.0		

MUD RECORD

<u>DATE</u>	<u>DEPTH</u>	<u>Wt.</u>	<u>Vis</u>	<u>PV-YP</u>	<u>pH</u>	<u>Ca</u>	<u>Cl</u>	<u>WL</u>	<u>Solids %</u>
7/11/02	131'	8.5	27	0/0	9.3	70	12000	NR	0.4
7/12/02	577'	8.5	27	8/3	9.3	75	10000	NR	0.5
7/13/02	1500'	8.5	28	8/3	9.3	75	12000	NR	0.4
7/14/02	1962'	8.5	28	8/4	9.3	75	12000	NR	0.4
7/15/02	1984'	8.5	28	7/4	9.3	75	12000	NR	0.4
7/17/02	2052'	8.5	28	8/3	9.3	70	1800	NR	1.2
7/18/02	3174'	8.5	27	8/3	9.5	70	3200	NR	1.0
7/19/02	3919'	8.5	28	7/5	9.6	75	3200	NR	1.0
7/20/02	4499'	8.5	28	9/2	9.6	75	3200	NR	1.0
7/21/02	5025'	9.2	38	16/5	9.2	80	5200	9.4	5.6
7/22/02	5229'	9.3	37	14/7	9.6	80	5200	8.2	6.6
7/23/02	5572'	9.5	39	15/7	9.8	70	5200	8.0	7.6
7/24/02	5775'	9.9	39	15/8	9.9	80	5200	8.4	10.6
7/25/02	5840'	10.0	43	16/7	9.8	75	5200	8.2	11.6
7/26/02	5840'	9.9	38	14/6	9.7	80	5200	8.4	10.6
7/27/02	5928'	10.0	48	17/8	9.6	75	5600	8.8	11.6
7/28/02	5965'	9.9	42	15/7	9.7	75	5600	8.8	10.6
7/29/02	5982'	9.8	41	15/7	9.7	75	5600	8.8	10.6
7/30/02	6200'	10.2	57	17/9	9.6	85	35000	8.2	11.3

Plugging Program

<u>Zone</u>	<u>Interval</u>	<u>Cement</u>
Ismay – Paradox	6000 – 5650'	220 sacks
Hermosa	4635 – 4485'	100 sacks
Surface Casing	2033 – 1933'	60 sacks
Top Plug – Surface	50 – 0'	25 sacks

CORE #1 – Upper Ismay

INTERVAL: 5840 - 5900' Drill Depth, 5877 – 5937' Loggers Depth
SERVICE COMPANY: Baker Hughes, Casper, Wyoming
DESTINATION: Omni Laboratory, Houston, Texas; Aaron Lasker

COMMENTS: Core #1 was cut in order to evaluate the Upper Ismay carbonate sequence. Core point was picked somewhat early due the failure of Bit #5 at 5840'; rather than bit trip and then drill 10 to 20 additional feet, it was decided to call 5840' as core point. The bit was considerably out of gauge so an undersized 6 3/4" bit was used. Mud gas readings while coring were rather steady between 100 and 175 units; background gas only. Core cuttings were very poor and were not indicative of lithology while cutting the core. The core was left in the aluminum sleeve and cut into 3' segments for transportation to Houston for analysis. Wellsite evaluation, therefore, was rather spotty consisting of lithology identification only; depositional structure identification was virtually impossible due to lack of opportunity to view the whole core. Core chip samples were taken from cut ends of the core. There are several gross intervals of similar lithology:

DESCRIPTION:

Unit 1: 5840 – 5848' Black shale, calcareous, slightly micaceous, earthy, hard, with interbeds of Anhydrite, medium gray, macrocrystalline, hard.

Unit 2: 5848 – 5852' Dolomite, medium grayish brown, microcrystalline, argillaceous, slightly micaceous, with numerous nodules or pellets of medium gray macrocrystalline anhydrite, unit is hard and tight, no porosity, no show.

Unit 3: 5852 – 5870' Limestone, medium to dark gray, microcrystalline, dolomitic in part, very hard, no porosity, no show, with several thin interbeds of Dolomite, microcrystalline, micaceous, calcareous, hard, no porosity, no show.

Unit 4: 5870 – 5876' Dolomite, medium gray, microcrystalline, micaceous, slightly calcareous, hard, no porosity, no show.

Unit 5: 5876 – 5900' Anhydrite, medium gray, slightly dolomitic, macrocrystalline, hard.

DRILL STEM TEST #1 – LOWER PARADOX

INTERVAL: 5814 – 5864' (Driller); 5754 – 5804' (Logger)
TYPE OF TEST: Open Hole Straddle
SERVICE COMPANY: Schlumberger, Hobbs, New Mexico; Bill Grayshaw

INITIAL FLOW: Open 15 minutes; tool opened with a 2 psi blow, increasing to 90 psi in 5 minutes, 120 psi in 10 minutes, and 130 psi in 15 minutes; gas to surface in 8 minutes, no guage was taken.

INITIAL SHUT-IN: Shut in 60 minutes.

FINAL FLOW: Open 60 minutes; tool opened with a 4 psi blow gradually increasing to 35 psi in 10 minutes, 48 psi in 20 minutes, then gradually decreasing to 43 psi in 30 minutes, 31 psi in 40 minutes, and 18 psi in 60 minutes; maximum gas rate was 86 mcf at 20 minutes.

FINAL SHUT-IN: Shut in 240 minutes.

RECOVERY: Pipe recovery was 805' fluid (7.5 barrels) consisting of 5 barrels highly gas cut oil, and 2.5 barrels of mud and oil emulsion (20% oil). Sample chamber recovery was 2.53 cu ft gas at 380 psi, and 10 cc oil. Oil gravity was 43.1 API at 60 F.

PRESSURES: INITIAL HYDROSTATIC: 3040 psi
FINAL HYDROSTATIC: 3026 psi

INITIAL FLOW: 315-378 psi
FINAL FLOW: 273-358 psi

INITIAL SHUT-IN: 820 psi
FINAL SHUT-IN: 600 psi

COMMENTS: Drill Stem Test #1 was run to evaluate the 9648 unit gas show in the Lower Paradox. Significant oil and gas were observed at the flowline immediately following the drilling of the zone; the DST pressures do not support that show. The zone is probably of very limited areal extent and bled down into the drilling mud during the 11.5 hours that drilling progressed prior to a decision to test. Bottom hole temperature was 135 F. DST #1 is a valid and conclusive evaluation of the test interval.

DRILL STEM TEST #2 – UPPER ISMAY POROSITY

INTERVAL: 5915 – 5965' (Driller), 5952 – 6002' (Logger)
TYPE OF TEST: Open Hole Conventional
SERVICE COMPANY: Schlumberger, Hobbs, New Mexico; Bill Grayshaw

INITIAL FLOW: Open 15 minutes; tool opened with 4" blow increasing to 6 oz in 1 minute, 7 oz in 2 minutes, 7.5 oz in 5 minutes, 8 oz in 10 minutes, and 8 oz in 15 minutes.

INITIAL SHUT-IN: Shut in 90 minutes.

FINAL FLOW: Open 90 minutes; tool opened with a 1" blow, increasing to 2" in 5 minutes, then decreasing slowly to 1 3/4" in 15 minutes, 1 1/2" in 30 minutes, 1" in 60 minutes, and 1/4" in 90 minutes.

FINAL SHUT-IN: Shut in 360 minutes.

RECOVERY: 270' gas, and 50' slightly gas cut mud; sample chamber recovery was 0.17 cu ft gas and 50 cc mud at 26 psi.

PRESSURES: INITIAL HYDROSTATIC: 3100 psi
FINAL HYDROSTATIC: 3055 psi

INITIAL FLOW: 46 - 49 psi
FINAL FLOW: 39 - 44 psi

INITIAL SHUT-IN: 77 psi
FINAL SHUT-IN: 75 psi

COMMENTS: Drill Stem Test #2 was called to evaluate the 528 unit gas show from the zone; samples were very poor but indicated dolomite with no visible porosity and no show (very little dolomite was observed). The test indicates a very low permeability reservoir that is not capable of commercial production. Bottom hole temperature was 138 F. DST #2 was a valid and conclusive evaluation of the Upper Ismay reservoir.

GEOLOGIC SUMMARY

The Samedan Oil Corporation Montezuma #41-17-74 well was drilled as a wildcat with the Upper Ismay reservoir as the primary objective and the Lower Desert Creek as the secondary objective. The geologist/mud logger was on location from 5000' to total depth. A hot wire and chromatograph were operational from 5000' to total depth. The well was drilled with water to 5000' where the hole was mudded up in preparation for the Upper Ismay objective.

A major gas and oil show was encountered in the lower part of the Paradox Formation at 5746 – 5748'. The show consisted of 9648 units of total gas, 7200 units C1, and 2080 units C2; background gas before the show was 35 units. There was considerable gas bubbling in the possum-belly and a good scum of light green oil on the pits. The zone was drilled with 9.5# mud which was subsequently raised to 9.9# weight in order to control the gas show. There continued to be 1200 unit gas spikes over 1000 unit background as the well was drilled to 5840' where the bit failed and a decision was made to test the show zone. There were no sample shows in the interval so the assumption was made that the reservoir was a fracture in a hard cherty limestone. Drill Stem Test #1 recovered 805' of fluid, consisting of 5 barrels very gas cut oil (43.1 API gravity) and 2.5 barrels of mud/oil emulsion, approximately 20% oil. Maximum gas flow rate was 86 mcf. Shut in pressures were 820 psi initial and 600 psi final. Obviously, the recovery and pressure data do not match the very strong gas show while drilling. It must be assumed that the reservoir is of very limited areal extent and that the reservoir pressure was greatly reduced at the time of the Drill Stem Test due to gas production into the wellbore during the 11.5 hours between penetration of the zone and a decision to test. The zone is of academic interest but of no economic interest in the Montezuma wellbore.

The Upper Ismay reservoir was encountered after drilling 48' massive medium gray anhydrite indicating the absence of the primary algal mound. Eleven feet of dolomite was present below the anhydrite and yielded a 528 unit total gas show; samples were very poor due to thick flocculated mud resulting from drilling the anhydrite. The zone was evaluated in Drill Stem Test #2 which yielded 270' gas and 50' slightly gas cut mud; shut in pressures were 77 psi initial and 75 psi final. The lack of the algal mound and the very thin lower bench of the Upper Ismay indicates that the Upper Ismay lacks production potential.

The only other significant gas show encountered was in the Lower Desert Creek. The unit broke from 4 minutes per foot to 0.46 minutes per foot for the 9' unit. Gas readings were 10,800 units total gas; mud was blowing up the stack and the shaker was bypassed. No samples of the unit were observed. Drilling mud was highly gas cut and frothy; a slight oil stain was observed on the pits. Mud weight was increased from 9.8# to 10.4# to control the gas show. Logs indicated a 10' interval with 20 to 25% density porosity but only 0.95 ohms deep resistivity. The interval calculates 67% water saturation using a 0.025 ohm Rw. The drilling mud increased from 5600 Cl to 35000 Cl subsequent to drilling the show zone. It is likely that very saline water accompanied the gas show into the wellbore thereby increasing mud salinity. It was decided not to test the zone.

Core analysis, drill stem test results and log analysis indicates the lack of producible hydrocarbons in the Montezuma wellbore. The well was subsequently plugged and abandoned.

Respectfully,



Paul B. Slack
Consulting Geologist
4645 S. Kalispell Way
Aurora, Colorado 80015
303.693.2847

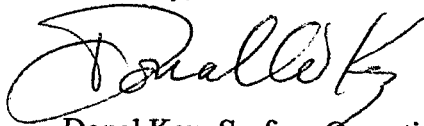
Date: 03/04/2007

Ms. Dianne Mason
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Dear Ms. Mason:

Bart Kettle called me this past week to let me know the State has not received APD's on the Tank Canyon 1-9 and Montezuma 41-17-74 re-entries. I was not aware of this until then. I have discovered the process is different in Utah from the other states we work in. I thought the BLM supplied your office with a copy of the approved APD. Bart explained the State issues its own APD even on the Federal Land re-entries. Please except my apology. Since CrownQuest Operating and Roddy Production rely upon me to take care of meeting all the requirement for permitting. It is clearly my error. I have included APDs for both wells and an additional 4 wells we are preparing to re-enter on Federal Lands in San Juan County. If I have not supplied you with the necessary information or need to format it differently please contact me by email: donalkey @msn.com, or by phone at: (505) 716-2543, (505) 325-5750.

Sincerely,



Donal Key, Surface Operations, Northern District
Roddy Production Company, Inc
CrownQuest Operating
P.O. Box 2221
Farmington, NM 97499

RECEIVED
MAR 07 2007
DIV. OF OIL, GAS & MINING

CrownQuest Operating LLC
Montezuma #41-17-74
Lease U-84683
NE/NE Section 17, T37S, R24E
San Juan County, Utah

A COMPLETE COPY OF THIS APPROVED PERMIT AND CONDITIONS OF APPROVAL shall be maintained on location during all construction and drilling operations, and shall be available to contractors to ensure compliance.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that CrownQuest Operating, LLC is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by **UTB000218** (Principal - CrownQuest Operating, LLC) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors.

A. DRILLING PROGRAM

1. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGM) is required before conducting any surface disturbing activities.
2. The proposed well control equipment (3M system for drilling, and 5M system for completion) is appropriate for anticipated conditions. For clarification, the proposed choke manifold configuration, with only a 2-inch minimum blow-down line (straight line through the choke manifold), warrants a 2M rating; however, this is acceptable for anticipated conditions. A 3-inch blow-down line would elevate the system rating to 3M.

B. SURFACE

1. Closed to surface use (access and well pad construction and drilling) within crucial deer winter habitat from December 15 to April 30. This seasonal condition would not affect maintenance and operational activities for production. The Field Manager may grant an exception on a case-by case basis if legal rights would be curtailed, the deer are not present at a specific project location or the activity can be conducted so that the deer would not be adversely affected.
2. As prescribed in the "Utah Field Office Guidelines for Raptor Protection from Human and Land Use Disturbances" written by the U.S. Fish and Wildlife Service, a raptor survey and clearance of the affected area surrounding the proposed drill site would be accomplished prior to work initiation if work is to be done between February 1 and August 31. If the survey locates an active raptor nesting territory which may be affected by the proposal, no work would be allowed until the nestlings have fledged.

C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Contact the BLM Natural Resource Protection Specialist at least 48-hours prior to commencing construction of location.

Spud- The spud date will be reported to BLM 24-hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the Moab Field Office within 24-hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the Moab Field Office on a weekly basis.

Oil and Gas Operations Reports (OGORs)- Production from this well shall be reported to Minerals Management Service (MMS) on a monthly basis.

Sundry Notices- There will be no deviation from the proposed drilling and/or workover program without prior approval. "Sundry Notices and Reports on Wells" (Form 3160-5) will be filed, with the Moab Field Office, for approval of all changes of plans and subsequent operations in accordance with 43 CFR 3162.3-2. Safe drilling and operating practices must be observed.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Monticello Field Office is to be notified.

First Production- Should the well be successfully completed for production, the Moab Field Office will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five business days following the date on which the well is placed into production.

A first production conference will be scheduled through the Monticello Field Office as soon as the productivity of the well is apparent.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion or Recompletion Report and Log" (Form 3160-4) will be submitted to the Moab Field Office not later than thirty-days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

Venting/Flaring of Gas- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered shut-in until the gas can be captured or approval to continue the venting/flaring as uneconomic is granted. In such case, compensation to the lessor shall be required for that portion of the gas that is vented/flared without approval and which is determined to have been avoidably lost.

Produced Water- Produced waste water may be confined to an unlined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No. 7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will be approved when the Monticello Field Office determines that surface reclamation work has successfully restored desirable vegetation.

TABLE 1

NOTIFICATIONS

Notify Jeff Brown (435-587-1525) of the BLM, Monticello Field Office for the following:

- 2 days prior to commencement of dirt work, construction and reclamation;
- 1 day prior to spud;
- 50 feet prior to reaching the surface casing (9-5/8") setting depth;
- 3 hours prior to testing BOP

If the person at the above number cannot be reached, notify the Moab Field Office at (435) 259-2100. If unsuccessful, contact the person listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab Field Office at (435) 259-2100. If approval is needed after work hours, you may contact:

Eric Jones, Petroleum Engineer

Office: (435) 259-2117
Home: (435) 259-2214

June 12, 2006

Utah Division of Oil, Gas and Minerals
1594 West North Temple
Suite 1210
Box 145801
Salt Lake City, Utah 84114

Re: Montezuma 41-17-74
Section 17, T-37-S, R-24-E
San Juan County, Utah

Ladies and Gentlemen:

Pursuant to R649-2-11, CrownQuest Operating Company, LLC, the Operator of the above captioned well, hereby requests that you keep confidential all information you receive for the above captioned well.

Thanks for your attention to this matter. Should you have any questions please do not hesitate to contact me.

Very truly yours,



J. T. Lent, Jr.
Vice President
Engineering & Operations

BOPE and Wellhead Specifications and Testing:

For clean-out operations from surface to TD: 9 5/8", 3000 psi weld on casing. 9 5/8", 3000 psi double gate BOP and 3000 psi annular preventor. 3000 psi choke manifold. (see figures 1 and 2). Pressure test BOPE to 3000 psi and 9 5/8" Surface casing to 1500 psi prior to drilling out of casing shoe.

For completion operations: 5 1/2" x 2 3/8", 5000 psi tree assembly. 7 1/16", 5000 psi double gate BOP system. 5000 psi choke manifold (see figures 3 and 4). Pressure test 5 1/2" casing to 5000 psi prior to frac'ing. The 5000 psi pressure rating is for possible frac treatment pressures and is far in excess of 3000 psi BOP equipment required to control anticipated formation pressure.

General Operation:

- Actuate pipe rams once each day during clean-out operations. Actuate blind rams once each trip.
- An upper Kelly cock valve, with handle, will be available on the rig floor to fit each drilling string.
- BOP pit level drill will be conducted weekly for each drilling crew.
- All BOP tests and drills will be recorded in the daily drilling report.
- Blind and pipe rams will be equipped with extension hand wheels.

Cementing Program:

8 5/8" Surface Casing String: already installed and cemented.

5 1/2" Production Casing String: Run casing with float shoe on bottom, float collar one joint from bottom. Install one centralizer in the middle of the first joint, one on every other collar from TD to the top of the Honaker Trail formation, and one inside the surface casing shoe. Cement with 350 sks 65/35 poz + 6% gel + 0.25 #/sk D130 + 18% D44 + .3% D167 + .15% D65A + 5 #/sk D24 (12.4 ppg, 1.93 cf/sk) followed by 365 sks 25/75 poz + 0.3% D65 + 0.15% D65 + 10% D44BWOW + 0.35% retarder (13.8 ppg, 1.47 cf/sk. Top of cement calculated to be at 1483'.

Special Clean-out Operations:

None anticipated

Additional Information:

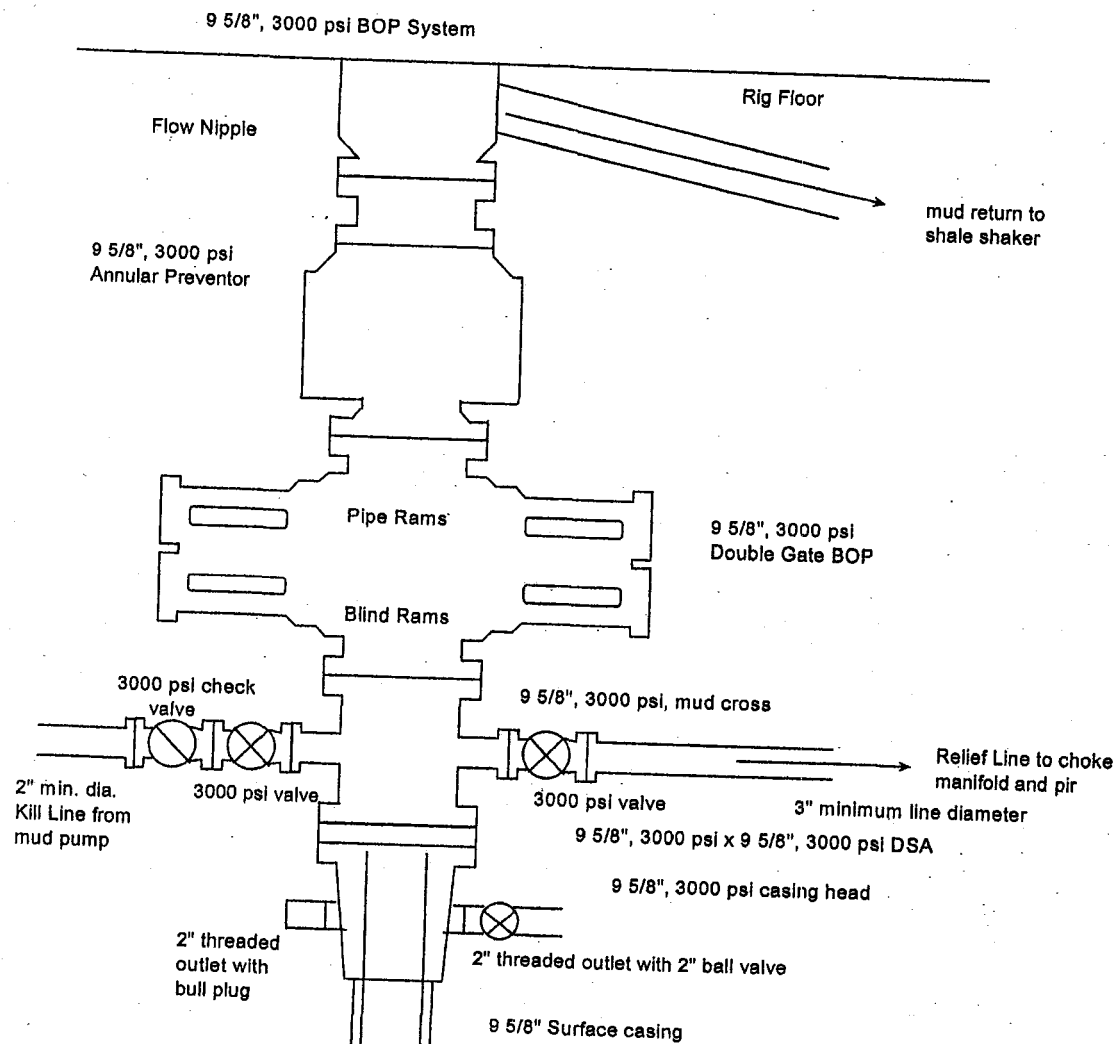
- This well is designed to be completed in the Pennsylvanian formations, based on cased-hole logs.
- A fresh water pressure gradient (.433 psi/ft) is anticipated. Adequate weighting material will be kept on location to maintain mud weight.
- LCM will be added to the mud system as required to maintain circulation.
- Estimated formation pressures:
 - Ismay 2538 psi
 - Desert Creek 2626 psi

Completion Information:

The completion procedure will be prepared after cased hole logs are analyzed. The well will probably be completed by frac treatment.

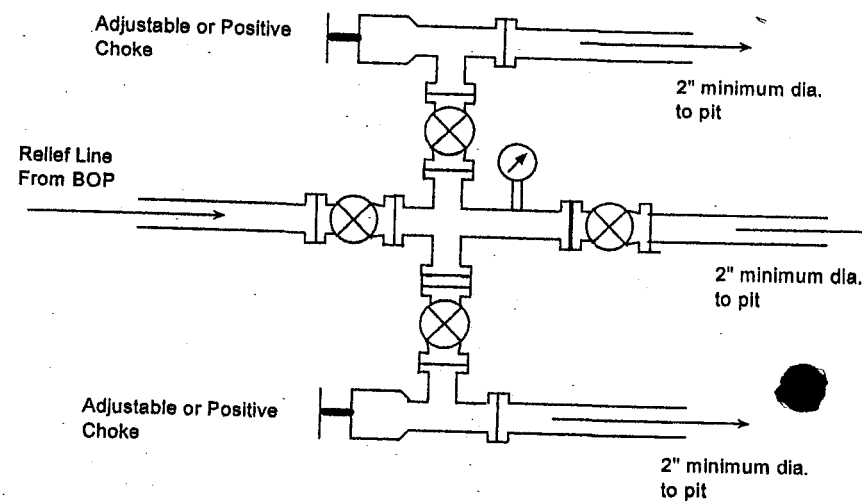
Prepared by: Robert R. Griffie
Operations Manager
Agent for CrownQuest
Date: 6/15/06

Figure 1



BOP Installation from Surface Casing depth (1983') to TD (6238'). 9 5/8", 3000 psi double gate BOP equipped with blind and pipe rams, 9 5/8" Annular BOP. All equipment rated at 3000 psi or greater working pressure.

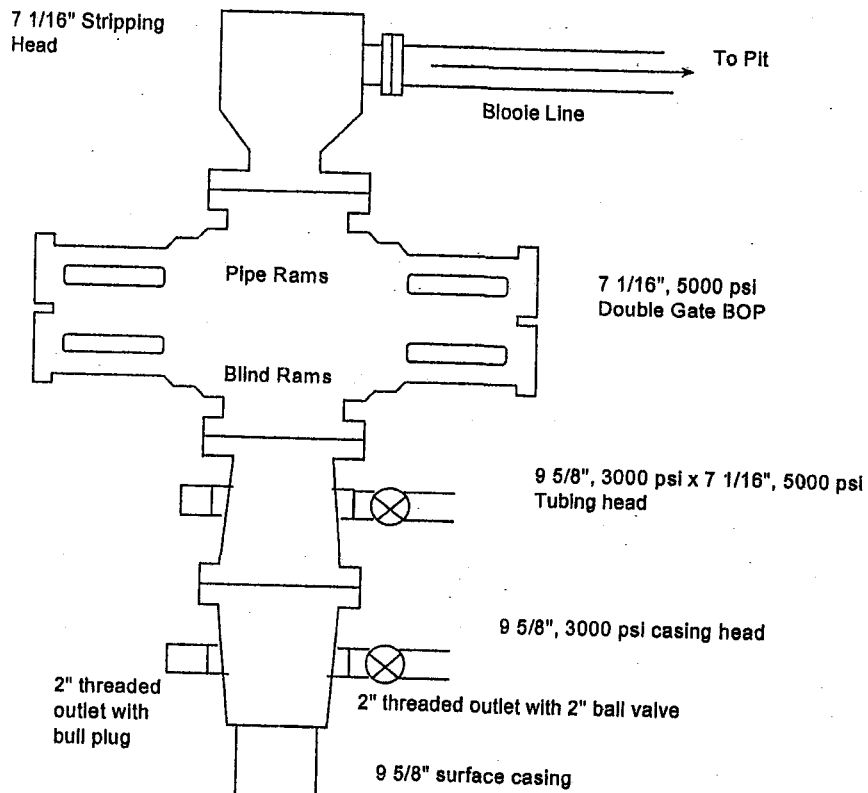
Figure 2



Choke manifold for BOP system shown in Figure 3. All equipment to be rated at 3000 psi or greater.

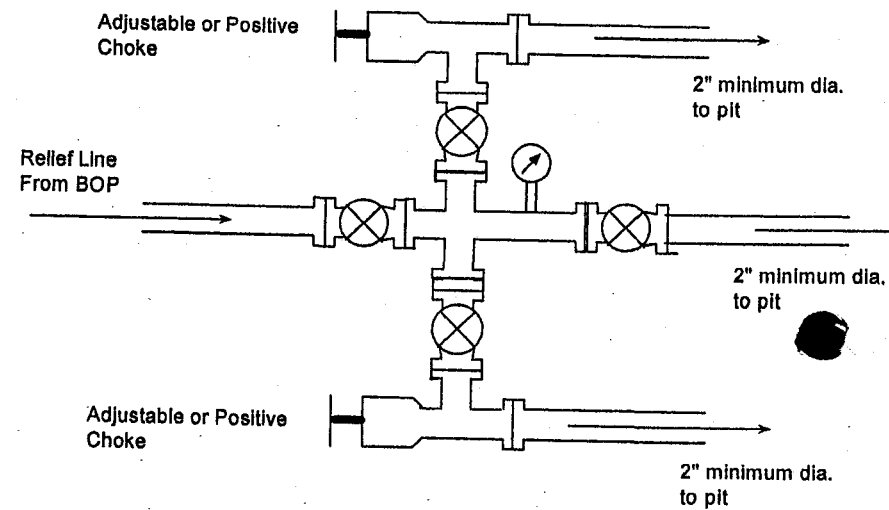
Figure 3

7 1/16", 5000 psi Completion Rig BOP System



BOP Installation for Completion operations. 7 1/16", 5000 psi double gate BOP equipped with blind and pipe rams. All equipment rated at 5000 psi or greater working pressure.

Figure 4



Choke manifold for BOP system shown in Figure 5. All equipment to be rated at 5000 psi or greater.

Montezuma 41-17-74
Re-Entry Procedure

Prepared by: Robert R. Griffie
Operations Manager
6/15/06

Notes:

- 3000 psi BOP equipment is selected to drill out the cement plugs. Calculated maximum formation pressure is 2626 psi at 6064 ft, or a pressure gradient of 0.433 psi/ft.
- 5000 psi BOP equipment is selected for completion work based on possible flow back pressures after acidizing or hydraulic fracture treatments and not from expected formation pressure.
- Surface casing is set at 1983'. 8 5/8", 24 ppf, J55. YP = 2950 psi. Cemented to surface.

Procedure

1. Construct location using original disturbed area (see diagram ____). Construct reserve pit and line. Dig out around dry hole marker. Remove marker. Construct and install cellar. Set rig anchors and test.
2. MIRU well service rig and equipment.
3. Weld on 8 5/8", 3000 psi casing head. Install 9 5/8", 3000 psi double gate BOPE and choke manifold.
4. PU 7 7/8" mill tooth bit, eight 4 3/4" dc's, and 2 7/8" work string. Drill out cement plug from surface to 50'. Use production brine for fluid. Clean out to cement plug at 2028'.
5. TOH.
6. Install test plug in casing head and pressure test casing head and BOPE to 3000 psi.
7. Pressure test 8 5/8" casing to 2500 psi.
8. TIH with bit and dc's and drill cement plug from and 1867' - 2028'. Clean out open hole to 4381' using fresh water, polymer, and gel fluid system. Drill out cement plugs from 4381' - 4649' and 5635' - 5990'. Clean out to TD of 6238'.
9. Circulate well clean and stabilize well bore.
10. TOH.
11. RU and run 5 1/2", 17 ppf, P-110, LTC casing. Install float shoe on bottom and float collar one joint from bottom. Centralize with 1 centralizer per casing collar from TD to 4200', and one centralizer at 1933' (inside surface casing). Land casing in full tension.
12. Cement as follows: 350 sks 65/35 poz + 6% gel + 0.25 #/sk D130 + 18% D44 + .3% D167 + .15% D65A + 5 #/sk D24 (12.4 ppg, 1.93 cf/sk) followed by 365 sks 25/75 poz + 0.3% D65 + 0.15% D65 + 10% D44BWOW + 0.35% retarder (13.8 ppg, 1.47 cf/sk). Slurry volumes designed to bring cement 500' up into 9 5/8" casing. Calculations based on 50% excess over open hole volume.

13. WOC 72 hours or as indicated by pilot testing, for cement to achieve full compressive strength.
14. While WOC, ND 9 5/8", 3000 psi BOP. NU 9 5/8", 3000 psi x 7 1/16", 5000 psi casing head. NU 7 1/16", 5000 psi BOP.
15. Pressure test casing and BOP to 5000 psi.
16. PU bit. TIH and clean out to PBTD of 6194' +/- . Circulate casing clear. TOH.
17. TIH to PBTD with casing scraper.
18. Load casing with 4% KCL water. Insure that all additional load water is 4% KCL.
19. TOH.
20. Run cased-hole logs and evaluate.
21. Select completion interval based on cased-hole logs. Completion may be accomplished by acidizing and/or frac (to be determined). Potential completion possibilities are of Pennsylvanian age from 6194' to 4000' (mid Cutler).
22. After completing, evaluate zones.

Montezuma 41-17-74 Cementing Calculations

TD	5517 ft		
hole dia	7.875 inches		
surf csg	1983 ft	7 7/8 x 5 1/2 cap = landing depth 8 5/8", 24 ppf, J55 yp =	0.1733 cf/lf 2950 psi
prod csg	6238 ft	8 5/8 x 5 1/2 cap = landing depth 5 1/2", 17 ppf, N80 yp =	0.1926 cf/lf 7740 psi
HT top	4200 ft	5 1/2 cap =	0.1305 cf/lf
TOC	1483 ft		

Lead Slurry

65/35 POZ + 6% gel + 0.25 #/sk D130 + 18% D44 + 0.3% D167 + 0.15% D65A + 5#/sk D24
wt 12.4 ppg
yield 1.93 cf/sk

Tail Slurry

25/75 poz + 0.3% D65 + 10% D44BWOW + 0.35% retarder
wt 13.8 ppg
yield 1.47 cf/sk

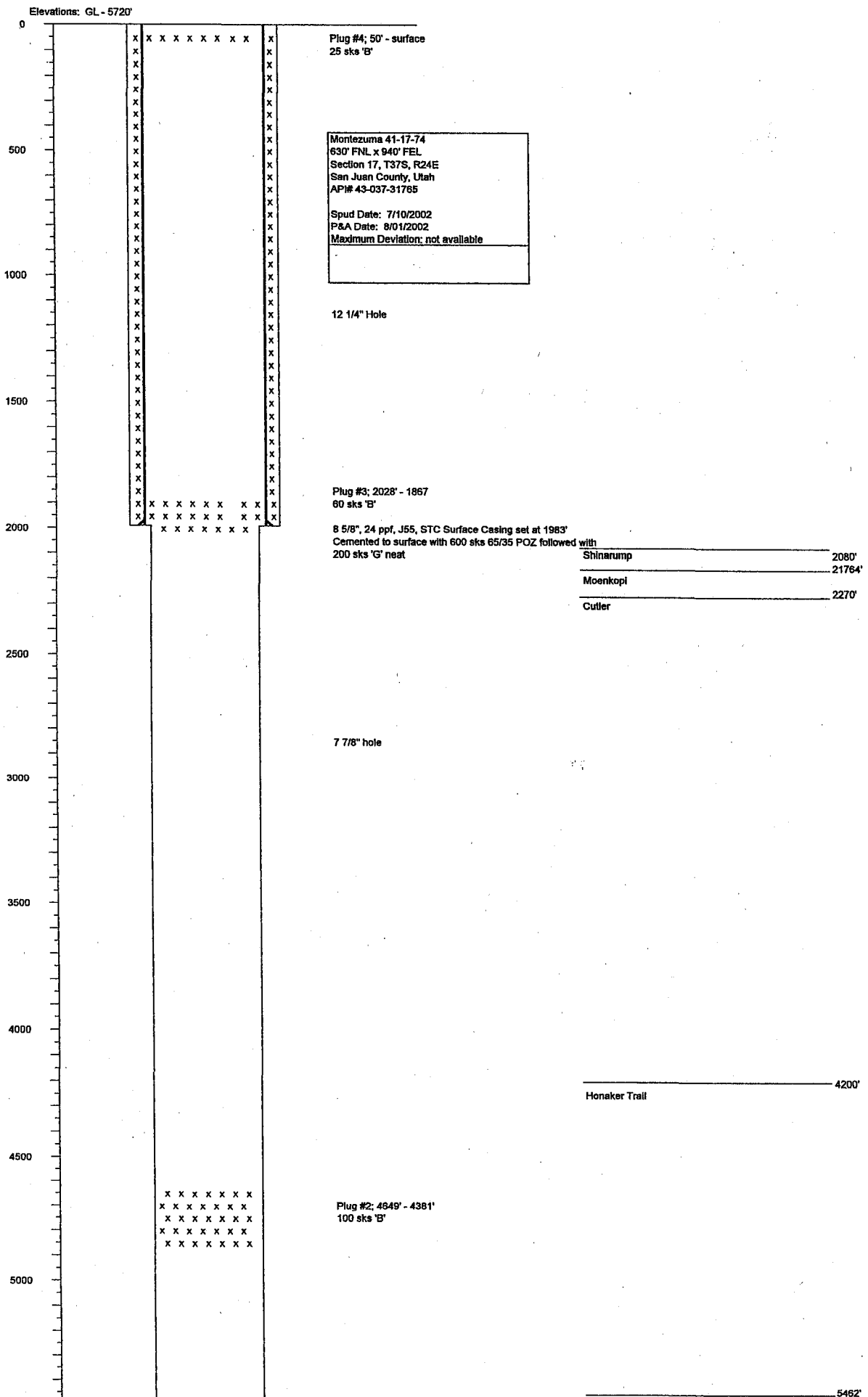
Estimate 50% excess over open hole volume

Tail Volume

535.5201 cf
364.2994 sks

Lead Volume

672.6092 cf
348.5022 sks



Montezuma 41-17-74
Thirteen Point Surface Use Plan

1) Existing Roads

- a) The proposed route to the location is shown on the attached Topographical Map.
- b) The well pad is located approximately 25 miles South, Southeast of Blanding Utah.
- c) If necessary, an encroachment permit will be obtained from San Juan County, Utah for use of the existing county roads (CR #206, CR #204 & CR #2381). Approximately 13 miles of CR #206 and 5 miles of CR #204 and 1.75 miles of CR #2381 will be used to access the well site.

2) Access Road

- a) CR #2381 provides access to the well site.
- b) No cattle guards will be required.
- c) There are no existing roads outside the lease or unit boundary for which a BLM right-of-way is required.

b) Location of existing wells

See attached Topographical Map for the location of existing wells in the area of this proposed well site.

c) Location of Production Facilities

- a. In the event the well is brought to production, necessary production equipment will be determined and a diagram will be submitted showing the layout of such equipment on the location site.
- b. Off-site facilities: No off-site facilities are required.
- c. Pipelines: Pipeline design, construction, and permitting will be performed if needed after it is determined that the well is productive.

All permanent (in place for six months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be as follows: Juniper Green.

All site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 shall be followed.

If a gas meter run is constructed it will be located on the lease within 500 feet of the well head. The gas flow line will be buried from the wellhead to the meter and will be buried downstream of the meter until it leaves the pad. Meter runs will be housed and/or fenced. The gas meter shall be calibrated prior to first sales and shall be calibrated quarterly thereafter. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

If a tank battery is constructed on this lease, it will be surrounded by a berm of sufficient capacity to contain $1 \frac{1}{2}$ times the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All oil production and measurement shall conform to the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 4.

Production facilities on location may include a lined or unlined production water pit as specified. If water is produced from the well an OOGO #7 application must be submitted.

d) Location and Type of Water Supply

All water needed for drilling and completion purposes will be obtained from the City of Blanding, Utah (NW 1/4, Section 27, T36S, R22E.).

e) Source of Construction Material

It is not anticipated that additional construction materials will be required for construction of the well pad, pit, and access road for drilling operations. Gravel and rock for upgrading the access roads to Class III Standards will be obtained from a private source, if needed. If additional materials are required, they will be obtained from a private source. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

f) Methods of Handling Waste Water Disposal

All garbage and trash materials will be contained in a trash cage and removed from the site for proper disposal as necessary, but no later than at the conclusion of drilling operations. Portable toilets will be provided and serviced appropriately.

The first 6 inches of top soil will be removed, stockpiled along the Northern edge of the well pad and reserved for reclamation. The drill pad is approximately 250' x 350'. The reserve pit is in the Southeast corner of the drill pad and is approximately 150' x 75' x 10' with 3:1 slopes. Upon inspection, the reserve will be re-lined if necessary. Three sides of the reserve pit will be fenced prior to drilling operations and the fourth side of the pit will be fenced when drilling operations cease. The fence will be constructed using 32" woven wire topped with two smooth wire strands 4" and 16" above the woven wire. Steel T-posts will be set 16.5' apart and two stays will be used between the posts. Corner posts will be 6" or more and anchored with deadmen. The fence will be kept in repair while the

pit dries. It is anticipated 2-3 days will be needed to dress up the well pad, reserve pit and access. No new surface disturbance is anticipated. The reserve pit is located in the cut, with 100% of the pit volume being below the original ground level. Wildlife protection, consisting of appropriate netting, will be used to cover the reserve pit.

g) Ancillary Facilities

N/A

h) Well Site Layout

All existing wells in the vicinity of this well pad are shown on the attached Topographical Map. Access to the well pad will be shown on the Topographical Map.

i) Plans for Restoration of the Surface

The top 6 inches of topsoil material will be removed from the location and stockpiled separately on the north side of the pad.

Immediately upon completion of drilling, all equipment that is not necessary for production will be removed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

All road surfaces will be removed prior to the rehabilitation of roads.

Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.

All disturbed areas will be recontoured to replicate the natural slope.

The stockpiled topsoil will be evenly distributed over the disturbed area.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled between Oct. 1 and Feb. 28, or at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The following seed mixture will be used: 3 Indian ricegrass, 2 4wing, 2 Gallefa grass, 2 Mexican cliffrose, 1 Sand dropseed.

In the event the well is abandoned an abandonment marker will be place below ground level. The marker will supply the operator name, lease number, well name and surveyed description (township, range, section and either quarter-quarter or footages).

11) Surface and Mineral Ownership

Both the surface and the minerals are owned by the BLM.

12) Other Information

a) Archaeological Concerns: See archaeological report

The operator is responsible for informing all persons in the area who are associated with this project that they will be prosecuted for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and will contact the authorized officer (AO). Within five (5) working days, the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that the mitigation is appropriate.
- If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide the technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will be allowed to resume construction.

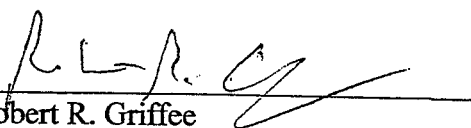
b) Threatened and Endangered Species Concerns: No known concerns.

c) Wildlife Seasonal Restrictions (yes/no): Deer Winter Range December 15 – April 30.

d) Off Location Geophysical Testing: N/A

e) Drainage crossing that require additional State or Federal approval: N/A

f) Other: Anticipated spud date, September 15, 2006.



Robert R. Griffie
Operations Engineer
June 15, 2006

Marie McGann
BLM Moab Field Office
82 East Dogwood
Moab, Utah 84532

RECEIVED
MOAB FIELD OFFICE

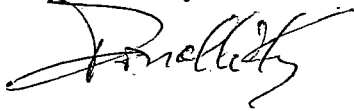
2006 JUL 19 P 12:25

U.S. DEPT. OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Dear Marie:

I have enclosed copies of the Contact List for the three CrownQuest APD's. Sorry those got left out of the process. You will also find the Tank Canyon 1-9 Access Road Plat. That had not been completed when I brought the APD to you. Midland is taking care of the Bond issue. Let me know if something else needs attention.

Sincerely,



Donal Key

Date: 7-10-06

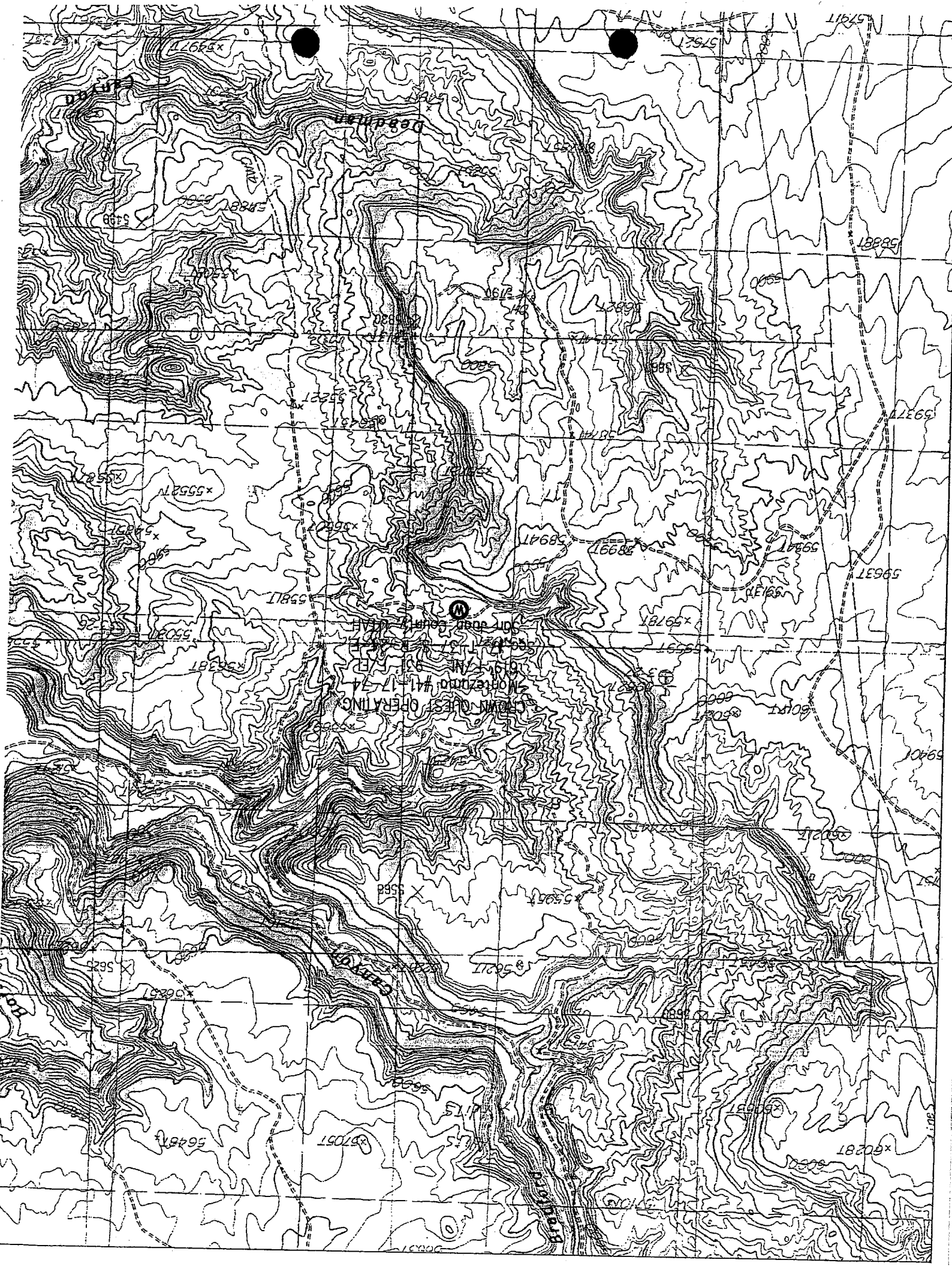
CONTACT LIST

Tank Canyon Projects

CrownQuest Operating , LLC
303 West Wall, Suite 1400
P.O. Box 2990
Midland, Texas 79702
Tommy Lent, PE, Vice President-Operations & Engineering
432-687-3116
Fax: 432-687-4804

Roddy Production Company, Inc
P.O. Box 2221 * 2600 Farmington Ave.
Farmington, NM 87499
Robert R. Griffie, PE, Operations Manager & CQ Agent
505-326-6813
Fax: 505-326-6814
Donal Key, Land, Permitting & Locations
505-716-2543
Fax: 505-326-6814

Basin Surveying, Inc
P.O. Box 6456
Farmington, NM 87499
108 Llano, Aztec NM 87410
John D. Wayne, P.L.S.
505-334-1500
Fax: 505-334-1498



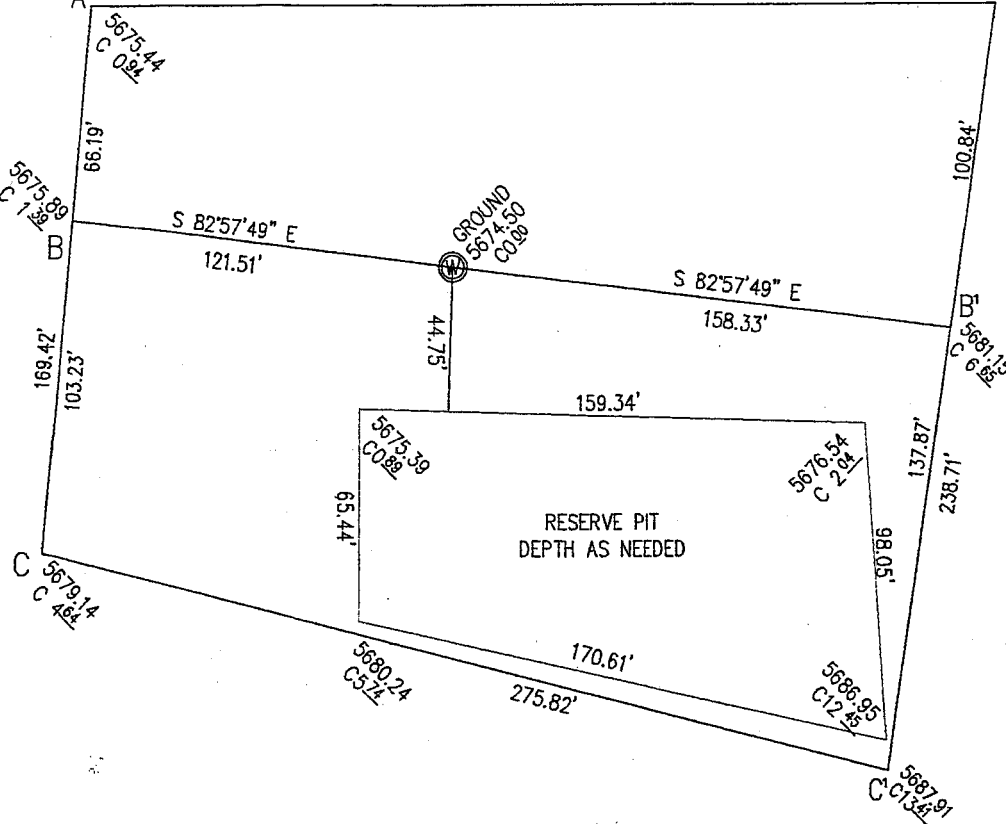
286.20'

Crown Quest Operating
OPERATORMontezuma #41-17-74
WELL NAME and NUMBER619' F/NL 931' F/EL
FOOTAGES

17	37S	24E
SEC.	TWP.	RGE.

San Juan, Utah
COUNTY STATEJUNE 26, 2006
DATE

SCALE
Horiz. 1" = 60'
Vert. 1" = 30'



A - A'

	5684								
A	5674								
	5664								
	5654								

B - B'

	5684								
B	5674								
	5664								
	5654								

C - C'

	5694								
	5684								
C	5674								
	5664								
	5654								

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: UTU 84683	6. SURFACE: Federal
1A. TYPE OF WORK: DRILL <input type="checkbox"/> REENTER <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: CrownQuest Operating, LLC				9. WELL NAME and NUMBER: Montezuma 41-17-74	
3. ADDRESS OF OPERATOR: 303 Veterans Airpark Ln Midland TX 79705				10. FIELD AND POOL, OR WILDCAT: Pennsylvanian / Wildcat	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 619' FNL x 931' FEL AT PROPOSED PRODUCING ZONE: Same				11. QTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 17 37S 24E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 10 miles East by Southeast from Blanding, Utah				12. COUNTY: San Juan	
				13. STATE: UTAH	
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 619'		16. NUMBER OF ACRES IN LEASE: 2234		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 160	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) none		19. PROPOSED DEPTH: 6,238		20. BOND DESCRIPTION: RLB 0007554	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5720' GL,		22. APPROXIMATE DATE WORK WILL START: 8/1/2006		23. ESTIMATED DURATION: 60 days	

24. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
			see attached details

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER <input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) <u>Robert R. Griffiee</u>	TITLE <u>Operations Manager, agent for CrownQuest</u>
SIGNATURE <u><i>R. R. Griffiee</i></u>	DATE <u>1/28/2007</u>

(This space for State use only)

API NUMBER ASSIGNED: 43037-31745

**Approved by the
Utah Division of
Oil, Gas and Mining**

APPROVAL:

Date: 04-30-07
(See Instructions on Reverse Side)

By: *[Signature]*

RECEIVED

MAR 15 2007

DIV. OF OIL, GAS & MINING

(11/2001)

**Federal Approval of this
Action is Necessary**

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/15/2007

API NO. ASSIGNED: 43-037-31765

WELL NAME: MONTEZUMA 41-17-74

OPERATOR: CROWNQUEST OPERATING, (N2685)

PHONE NUMBER: 432-818-0300

CONTACT: ROBERT GRIFFEE

PROPOSED LOCATION:

NENE 17 370S 240E

SURFACE: 0619 FNL 0931 FEL

BOTTOM: 0619 FNL 0931 FEL

COUNTY: SAN JUAN

LATITUDE: 37.57584 LONGITUDE: -109.2981

UTM SURF EASTINGS: 650287 NORTHINGS: 4159912

FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-84683

PROPOSED FORMATION: DSCR

SURFACE OWNER: 1 - Federal

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. RLB 0007554)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.
Unit: _____
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☒ R649-3-3. Exception
___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal Approval
2- Spacing Slip



OPERATOR: RODDY PROD CO INC (N3140)

SEC: 17 T.37S R. 24E

FIELD: WILDCAT (001)

COUNTY: SAN JUAN

SPACING: R649-3-3 / EXCEPTION LOCATION

Field Status

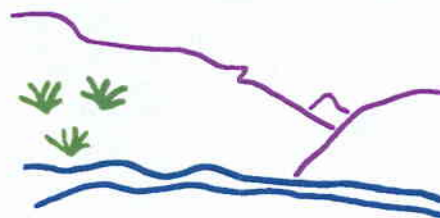
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
DATE: 27-MARCH-2007



UTAH WELL LOCATION PLAT

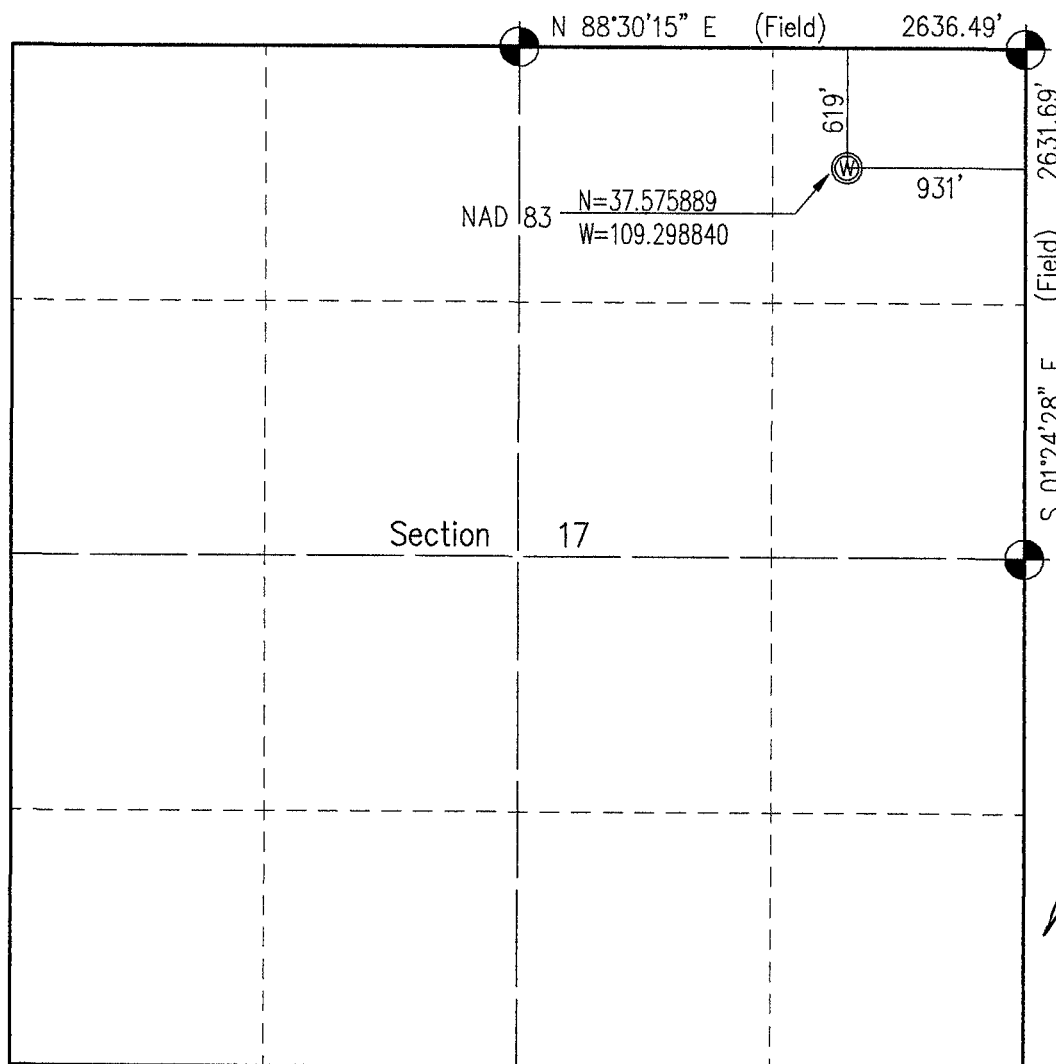
OPERATOR Crown Quest Operating
 LEASE Montezuma WELL NO. 41-17-74
 SECTION 17 TOWNSHIP 37 South RANGE 24 East 6th, P.M.
 COUNTY San Juan UTAH
 FOOTAGE LOCATION OF WELL: 619 FEET FROM THE North LINE and
931 FEET FROM THE East LINE and
 GROUND LEVEL ELEVATION: 5674.50'
 SURFACE USE WITHIN 200' RADIUS: No Improvements Within 200' - Pasture
 BASIS OF BEARING: GPS Data - NAD 83
 BASIS OF ELEVATION: GPS Data - Diff. corrections Omnistar



500' 500'
 1" = 1000'

Some information on this plat is based on information taken from previous surveys, record information, or collateral evidence and may not reflect that which may be disclosed by a complete boundary survey. This plat is not to be relied on for the establishment of surface boundaries, fences, buildings, or other future improvements.

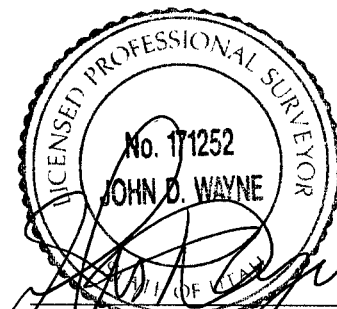
 GLO BC
 WELL Location



I hereby certify that the proposed well location shown on this plat was prepared from field notes of an actual survey by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief, and that there are no visible improvements within 200 feet of this proposed wellhead, unless noted otherwise.

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John D. Wayne
 Professional L.S. #171252
 State of Utah

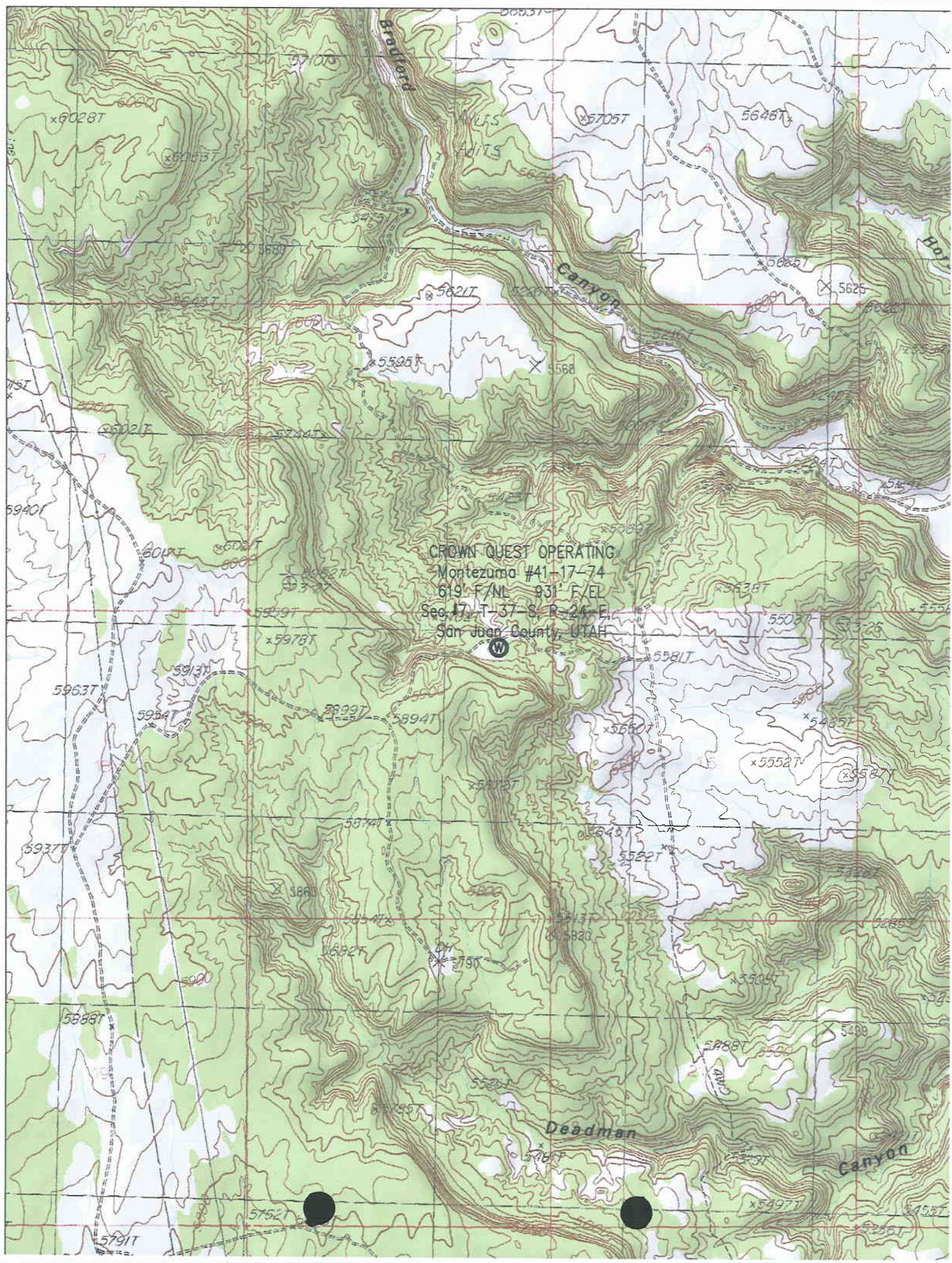
JUNE 24, 2006

Date Surveyed:

JUNE 26, 2006

Date Platted:

SCALE: 1" = 1000'



Re-Entry Plan

Well Name: Montezuma 41-17-74

Surface Location: 619' FNL x 931' FEL, Section 17, T37S, R24E
San Juan County, Utah

Target Formation: Pennsylvanian

Elevation: 5720' GL

Geology:

Formation	Top	Probable Content
Morrison	Surface	
Entrada Ss	285'	potential fresh water
Navajo Ss	490'	potential fresh water
Chinle Fm	1380'	vari-color shale
Shinarump Ss	2080'	gas/water
Moenkopi Fm	2164'	brn-red sltst/sh
Cutler (top of Permian)	2270'	prpl crs ss/sh; potential fresh water
Honaker Trail (top of Penn)	4200'	ls; potential gas, brine
Upper Ismay	5462'	gas/oil/brine
Desert Creek	6064'	gas/oil/brine
TD	6238'	

Logging Program: Open hole logs have already been obtained and submitted. Cased hole neutron log to be run after setting 5 1/2" casing.

Clean-out Fluid Program:

Interval	Fluid Type	Weight	Viscosity	Fluid Loss
0' – 1983'	fresh water	8.4 ppg	n/a	no control
1983' – 6238'	production brine/polymer	9.2 ppg	30 – 80 sec	10

Casing Program:

Interval	Hole Diameter	Csg Size	Wt.	Grade	Thread
Surface – Installed 7/14/02					
0' – 1983'	12 1/4"	8 5/8"	24 ppf	J-55	STC
Production					
0' – 6238'	7 7/8"	5 1/2"	17 ppf	P110	LTC

Tubing Program: 0 – 6200', 2 3/8", 4.7 ppf, J55, EUE

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

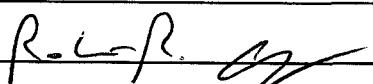
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 84683
2. NAME OF OPERATOR: CrownQuest Operating, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 303 Veteran's Airpark Lane CITY Midland STATE TX ZIP 79705		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 630' FNL x 940' FEL		8. WELL NAME and NUMBER: Montezuma 41-17-74
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 17 37S 24E		9. API NUMBER: 4303731765
COUNTY: San Juan		10. FIELD AND POOL, OR WILDCAT: Wildcat
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 3/29/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: re-entry operations	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CrownQuest Operating LLC is performing re-entry and completion operations on the above referenced well. A summary report of these operations is attached covering operation from 1/23/07 through 3/28/07.

NAME (PLEASE PRINT) Robert R. Griffiee	TITLE Operations Manager (agent for CrownQuest)
SIGNATURE 	DATE 3/29/2007

(This space for State use only)

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DIV. OF OIL, GAS & MINING

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil ☒ Gas ☐ Other

2. Name of Operator

CrownQuest Operating, LLC

3. Address and Telephone No.

303 Veteran's Airpark Lane, Suite 5100, Midland TX 79705 (432) 818-0300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface location: 630' FNL x 940' FEL, Section 17, T37S, R24E

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
UTU 84683

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Montezuma 41-17-74

9. API Well No.

43-037-31765

10. Field and Pool, or Exploratory Area
Pennsylvanian

11. County or Parish, State
San Juan County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other re-entry operations

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)*

CrownQuest Operating, LLC is performing re-entry operations on the above referenced well. A summary report of these operations is attached covering operations performed from 2/18/07 through 3/28/07.

14. I hereby certify that the foregoing is true and correct

Signed Robert R. Griffie
Robert R. Griffie

Title Operations Manager
Agent for CrownQuest

Date: 3/29/07

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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CrownQuest Operating, LLC
Montezuma 41-17-74
Re-Entry Report Summary

1/23/07
MIRU Hurricane Well Service Rig 12.

1/24/07
RU, NU BOPE.

1/25/07
RU.

1/26/07
RU. PU 7 7/8" bit and dc. Drill through cement plug at surface.

1/27/07
PU dc's and 2 7/8" drill string. Clean out 8 5/8" surface casing to 710'.

1/29/07
PU drill string. Clean out to 1518'.

1/30/07
Pressure test BOPE to 3000 psi and casing to 2500 psi.

1/31/07
Clean out to 1881'. Drill cement plug from 1881' to 2089'. TOH.

2/1/07
TIH with 7 7/8" bit and BHA to 1983'. Mix mud.

2/2/07
Clean out open hole to 2486'.

2/5/07
Clean out to 3970'.

2/6/07
Clean out to cement plug at 4375'. Drill out cement plug to 4571'.

2/7/07
Drill out cement plug to 4620'.

2/8/07
Drill out cement plug to 4660'. Clean out open hole to 5300'. TOH.

2/9/07
TIH to 1912'. Replace rotating head rubber and mix mud.

2/10/07
Clean out open hole to 5540'. Drill out cement plug to 5672'.

2/12/07
Drill out cement plug to 5799'.

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2/13/07

Drill out cement plug to 5925'.

2/14/07

Drill out cement plug to 5981'. Clean out open hole to TD of 6238'.

2/15/07

Circulate and condition hole. TOH LD dp.

2/16/07

RU and ran 5 ½", 17 ppf, P110, LTC casing. Float shoe, 2 jts, float collar, then casing. Land casing at 6229'.

2/17/07

RU Schlumberger. Cement with 557 sks 25/75 Poz + additives (1.74 cf/sk, 11.8 ppg) followed with 338 sks liteCRETE + additives (1.61 cf/sk, 12.5 ppg). Good returns throughout job, did not circulate cement to surface. Set casing in slips. Secure well until 2/21/07.

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CrownQuest Operating, LLC
Montezuma 41-17-74
Re-Entry Report Summary

2/21/07

Cut off casing. ND BOPE. NU 5000 psi well head. Pressure test well head. Rig up for completion.

2/22/07

TIH with dp. POOH LD dp.

2/23/07

PU 4 3/4" bit and csg scraper. PU 2 7/8" tubing. TIH. Tag cmt at 6120'. Roll casing with 3 % KCL wtr. Pressure test BOPE to 5000 psi, witnessed by Jeff Brown, BLM.

2/26/07

RU Stinger wellhead isolation tool. RU Blue Jet. Ran CBL 6140' to 1700'. TOC 2250', good bond.

2/27/07

RU Blue Jet. Perforate 6044' – 6076' w/ 4 jspf. RU Superior WS. Frac with 16,000 lbs 40/70 and 70,000 lbs 20/40 Ottawa sand in 70Q N2 foam. Set frac isolation plug at 6000'. Pressure test plug to 6500 psi. Perforate 5774' – 5790' and 5960' – 5965' w/ 4 jspf. Acidize with 5000 gals 20% HCL. Open well on 3/4" choke. Flowed back casing volume + 150 bbls load in 1.5 hours. Oil and gas to surface. Shut well in.

2/28/07

RD Superior WS. SIP = 2950 psi.

3/01/07

RU sand separator. W.O. flow test equipment.

3/02/07

W.O. flow test equipment.

3/03/07

W.O. flow test equipment. SIP = 2950 psi.

3/04/07

RU flow test equipment. Pressure test equipment with well pressure.

3/05/07

RU flow test equipment. Open well on 3/8" choke, cut out choke and valves w/ sand. SI well.

3/06/07

Install HCR valves and choke system.

3/07/07

SIP – 2541 psi. Open well on 1/4" choke. Well producing 25' gas flare and amber oil. Flow back well.

3/08/07

Flow back and clean up well. Rate 906 mcf/d, 56 bopd, 360 bw/d (frac fluid). SI well.

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3/9/07

SIP – 2150 psi. RU Blue Jet w/ full lubricator and pack-off. Equalized pressure to Stinger isolation tool. Run composite bridge plug. Lubricator froze w/ plug at 2700', setting tool and plug snapped off rope socket. Bleed pressure down, plug appeared to be set shutting off zones. Applied 2000 psi to plug.

3/10/07

PU overshot. TIH tag fish at 2516'. Engaged grapple. Sheared setting tool from bridge plug. TOH, recovered setting tool. W.O. Halliburton snubbing unit.

3/11/07

W.O. snubbing unit.

3/12/07

RU Blue Jet. Set composite bridge plug at 2489'. TIH with 2 7/8" tubing. POOH LD tubing in singles for snubbing. TIH with 4 3/4" mill with pump off sub and back pressure valve installed in X nipple. Tag composite bridge plug at 2489'. Secure well.

3/13/07

W.O. snubbing unit.

3/14/07

RU Halliburton snubbing unit and Superior WS pump truck. Pressure test all lines and BOPE.

3/15/07

Begin milling out composite plug.

3/16/07

Mill out composite plug at 2476' holding 2500 psi back pressure with choke. Tag 2nd plug at 2586'. Mill on 2nd plug.

3/17/07

Mill out plug at 2587'. Push plug down hole, gas flowing up annulus. Flow back well through 3/8" choke overnight (590 psi FCP).

3/18/07

RU Phoenix. Retrieve back pressure valve, bottom half missing. Snub tbg out of hole. Pump off sub and sheared leaving mill and sub in hole.

3/19/07

PU overshot and bumpers sub. Snub tbg in hole. Work grapple. Snub tbh out of hole. Did not recover mill. Flow well back on 5/8" choke to clean debris from well bore (377 psi FCP, 30' flare above flare stack).

3/20/07

PU overshot with different grapple. Snub tbg into hole. Work grapple. Snub out of hole. Recovered fish. PU new mill. TIH to 2553'. RD snubbing unit.

3/21/07

Mill out lost bridge plug at 2600'. Push plug remnants to 5990'. Tag sand. Clean out sand and mill out bridge plug at 6000'. POOH to 5774'. SI well.

3/22/07

Bleed off pressure. RIH to 6000'. Continue milling out bridge plug. Clean out to PBTD at 6120'. POOH to 5774'. Flow back well through 5/8" choke.

03/28/2007

Division of Oil, Gas and Mining
1594 W. N. Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Re: Montezuma 41-17-74

To Whom It May Concern:

In reference to the State Oil and Gas Conservation Rule R649-3-2, CrownQuest Operating, LLC, requests an exception for the Montezuma 41-17-74 (API # 43-037-31765). The location of this well is 619' FNL x 931' FEL, Section 17, T37S, R24E, San Juan County, Utah. CrownQuest Operating is the only owner within a 460' radius. We request the spacing exception due to the fact that we are re-entering an existing, plugged and abandoned well drilled at the above described location.

If you need additional information, please contact Robert Griffiee at (505) 326-6813 or e-mail at bgriffieerpc@qwest.net.

Sincerely,



Robert R. Griffiee
Operations Manager
(Agent for CrownQuest Operating, LLC)

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APR 26 2007

DIV. OF OIL, GAS & MINING



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 30, 2007

CrownQuest Operating, LLC
303 Veterans Airpark Ln
Midland, TX 79705

Re: Montezuma 41-17-74 Well, 619' FNL, 931' FEL, NE NE, Sec. 17, T. 37 South,
R. 24 East, San Juan County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-31765.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: San Juan County Assessor
Bureau of Land Management, Moab District Office

Operator: CrownQuest Operating, LLC

Well Name & Number Montezuma 41-17-74

API Number: 43-037-31765

Lease: UTU 84683

Location: NE NE **Sec.** 17 **T.** 37 South **R.** 24 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

3/23/07

RIH, tag sand at 6100'. Clean out sand. POOH to 5774'. Flow back through test separator on 5/8" choke, 915 mcf/d, 3.1 bophr, 2.4 bwphr.

3/24/07

Flow test well on 5/8 choke through test separator. Avg FCP – 180 psi. Avg rates; 800 mcf/d, 60 bopd, 48 bwpd.

3/25/07

Flow test well. Avg FCP – 168 psi. Avg rates; 740 mcf/d, 31 bopd, 80 bwpd. SI well.

3/26/07

SICP – 1978 psi. Rig down equipment to move rig.

3/27/07

Prepare to change out rigs. Flow test well.

3/28/07

Prepare to change out rigs. Flow test well.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
UTU 84683

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Montezuma 41-17-74

9. API Well No.

43-037-31765

10. Field and Pool, or Exploratory Area
Pennsylvanian

11. County or Parish, State
San Juan County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil ☒ Gas ☐ Other

2. Name of Operator

CrownQuest Operating, LLC

3. Address and Telephone No.

303 Veteran's Airpark Lane, Suite 5100, Midland TX 79705 (432) 818-0300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

619 931

Surface location: 630' FNL x 940' FEL, Section 17, T37S, R24E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other sale of oil

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)*

CrownQuest Operating, LLC is reporting the first oil sale from test tanks on the above referenced well. 192 bbls of 43.8 API gravity oil was sold on 4/17/07 to Giant Oil Gathering. Copies of the load tickets are attached.

14. I hereby certify that the foregoing is true and correct

Signed Robert R. Griffie
Robert R. Griffie

Title Operations Manager
Agent for CrownQuest

Date: 4/24/07

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

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APR 27 2007

DIV. OF OIL, GAS & MINING

IN CASE OF
EMERGENCY
CALL: CHEMTREC
1-800-424-9300

GIANT

CRUDE OIL
GATHERING

TICKET NUMBER

MO DAY YEAR

4 17 01

4090823

DESCRIPTION *Crude* BARRELS *101*
PETROLEUM CRUDE OIL, 3, UN1267, PG III

OPERATOR OR LOCATION

Crown Quest Operating LLC

LEASE OR COMPANY NAME

Montezuma

WELL NUMBER

#41-17-74

CREDIT

FOR ACCOUNT OF

LEASE OR TANK LOCATION

UNIT

SEC

1

TWP

29N

RGE

11W

COUNTY

San Juan

STATE

Utah

FEDERAL OR STATE LEASE NO

GIANT LEASE NO / CODE

TANK SIZE

312 BBL's

TANK HEIGHT

10-6' 1/4"

TRUCK NO

649

CHECK IF LINE SAMPLED

☐

TANK OR METER NUMBER

**Frac Tank #88*

HGT. OF CONNECTION

OIL LEVEL

GAGE	FT.	IN.	1/4"	GAGE	FT.	IN.	1/4"	TEMP
<input checked="" type="checkbox"/>	1	0	0	1st	7	8	2	55°

BOTTOM BS&W LEVEL

GAGE	FT.	IN.	1/4"	2nd	5 <td>0</td> <td>55°</td>	0	55°
------	-----	-----	------	-----	---------------------------	---	-----

GAGE	FT.	IN.	1/4"	OBS. GVT	TEMP	GROSS
1st	0	3	0	43.8	54°	

GAGE	FT.	IN.	1/4"	BS&W %	TRUE GVT	EST. GROSS BARRELS
2nd	0	3	0	0.121		101

METER

TEMPERATURE COMPENSATED?

YES ☐

NO ☐

AVERAGE LINE TEMPERATURE

CTL FACTOR

AVERAGE METER PRESSURE

METERED

METER FACTOR

NET

GAUGER	TIME	DATE
<i>Luke Orr</i>	<i>9:00 A</i>	<i>4-17</i>

ON OPERATOR'S WITNESS *[Signature]* SEAL OFF *NO*

GAUGER	TIME	DATE
<i>Luke Orr</i>	<i>9:20 A</i>	<i>4-17</i>

OFF OPERATOR'S WITNESS *[Signature]* SEAL ON *Seal*

RECEIVING POINT

Arco/Arco Station

TANK NO.

G-2

REMARKS

*0.00 Lay down Tank's *
0.05 Load to Garnet Gauge's
0.16 (1st Bottom Load's)*

GI 2027

Ld. Mi.

IN CASE OF
EMERGENCY
CALL: CHEMTREC
1-800-424-9300

GIANT

CRUDE OIL
GATHERING

TICKET NUMBER

MO DAY YEAR

4 17 01

4090824

DESCRIPTION *Crude* BARRELS *91*
PETROLEUM CRUDE OIL, 3, UN1267, PG III

OPERATOR OR LOCATION

Crown Quest Operating LLC

LEASE OR COMPANY NAME

Montezuma

WELL NUMBER

41 17 74

CREDIT

FOR ACCOUNT OF

LEASE OR TANK LOCATION

UNIT

SEC

1

TWP

29N

RGE

11W

COUNTY

San Juan

STATE

Utah

FEDERAL OR STATE LEASE NO

GIANT LEASE NO / CODE

TANK SIZE

312 BBL's

TANK HEIGHT

10-6' 1/4"

TRUCK NO

649

CHECK IF LINE SAMPLED

☐

TANK OR METER NUMBER

Frac Tank #88

HGT. OF CONNECTION

OIL LEVEL

GAGE	FT.	IN.	1/4"	GAGE	FT.	IN.	1/4"	TEMP
<input checked="" type="checkbox"/>	1	0	0	1st	5	0	55°	

BOTTOM BS&W LEVEL

GAGE	FT.	IN.	1/4"	2nd	2 <td>6</td> <td>55°</td>	6	55°
------	-----	-----	------	-----	---------------------------	---	-----

GAGE	FT.	IN.	1/4"	OBS. GVT	TEMP	GROSS
1st	0	3	0	43.8	54°	

GAGE	FT.	IN.	1/4"	BS&W %	TRUE GVT	EST. GROSS BARRELS
2nd	0	3	0	0.121		91

METER

TEMPERATURE COMPENSATED?

YES ☐

NO ☐

AVERAGE LINE TEMPERATURE

CTL FACTOR

AVERAGE METER PRESSURE

METERED

METER FACTOR

NET

GAUGER	TIME	DATE
<i>Luke Orr</i>	<i>10:00 A</i>	<i>4-17</i>

ON OPERATOR'S WITNESS *[Signature]* SEAL OFF *NO*

GAUGER	TIME	DATE
<i>Luke Orr</i>	<i>10:50 A</i>	<i>4-17</i>

OFF OPERATOR'S WITNESS *[Signature]* SEAL ON *Seal*

RECEIVING POINT

Arco/Arco Station

TANK NO.

G-2

REMARKS

*Load to Garnet Gauge's
(2nd Bottom Load's)
Load to Garnet Gauge's*

GI 2027

Ld. Mi.

CONFIDENTIAL

IN CASE OF
EMERGENCY
CALL: CHEMTREC
1-800-424-9300

GIANT

CRUDE OIL
GATHERING

TICKET NUMBER

MO. DAY YEAR

4/17/07

4090825

DESCRIPTION		BARRELS
PETROLEUM CRUDE OIL, 3, UN1267, PG III		
OPERATOR OR LOCATION		
Crown Quest Operating LLC		
LEASE OR COMPANY NAME		DELIVERY RECEIPT
Montezuma		<input type="checkbox"/> <input type="checkbox"/>
WELL NUMBER		CRUDE GRADE OR PRODUCT
41 17 74		Rescot
CREDIT		

FOR ACCOUNT OF			
LEASE OR TANK LOCATION			
UNIT	SEC	TWP	RGE
	1	29N	11W
COUNTY		STATE	
San Juan		Utah	
FEDERAL OR STATE LEASE NO		GIANT LEASE NO / CODE	

TANK SIZE				TANK HEIGHT				TRUCK NO			
312 BBLs				10' 6" 14				649			
CHECK IF LINE SAMPLED				TANK OR METER NUMBER							
<input type="checkbox"/>				Frac Tank # 313							
HGT. OF CONNECTION				OIL LEVEL							
GAGE	FT.	IN.	1/4"	GAGE	FT.	IN.	1/4"	TEMP			
X	1	00	1/4	1st	6	23		65°			
BOTTOM BS&W LEVEL											
GAGE	FT.	IN.	1/4"	2nd							
1st	0	0	1/4	OBS GVT	45.2		TEMP	68		GROSS	
2nd	0	0	1/4	BS&W %	3.46		TRUE GVT			EST GROSS BARRELS	

TEMPERATURE COMPENSATED?		BARRELS		TENTHS
YES <input type="checkbox"/>	NO <input type="checkbox"/>			
AVERAGE LINE TEMPERATURE				
CTL FACTOR				
AVERAGE METER PRESSURE		METERED		
METER FACTOR		NET		

ON	GAUGER	TIME	DATE
	Luke Orr	10:51 A	4-17
OFF	OPERATOR'S WITNESS	SEAL OFF	
		Rescot	
OFF	GAUGER	TIME	DATE
	Luke Orr	10:59 A	4-17
OFF	OPERATOR'S WITNESS	SEAL ON	
		Notice	

RECEIVING POINT	TANK NO.
REMARKS	
0.6 @ TOP Sample	
1.8 @ middle Sample	
8.0 @ Endline Sample	
WELL COPY	

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
UTU 84683

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Montezuma 41-17-74

9. API Well No.

43-037-31765

10. Field and Pool, or Exploratory Area
Pennsylvanian

11. County or Parish, State
San Juan County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil ☒ Gas ☐ Other

2. Name of Operator

CrownQuest Operating, LLC

3. Address and Telephone No.

303 Veteran's Airpark Lane, Suite 5100, Midland TX 79705 (432) 818-0300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface location: ⁶¹⁹ 630' FNL x ⁹³¹ 940' FEL, Section 17, T37S, R24E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other re-entry operations

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)*

CrownQuest Operating, LLC is performing re-entry operations on the above referenced well. A summary report of these operations is attached covering operations performed from 1/23/07 through 2/17/07.

RECEIVED

MAY 31 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Robert R. Griffie
Robert R. Griffie

Title Operations Manager
Agent for CrownQuest

Date: 2/19/07

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

CONFIDENTIAL

CrownQuest Operating, LLC
Montezuma 41-17-74
Re-Entry Report Summary

1/23/07
MIRU Hurricane Well Service Rig 12.

1/24/07
RU, NU BOPE.

1/25/07
RU.

1/26/07
RU. PU 7 7/8" bit and dc. Drill through cement plug at surface.

1/27/07
PU dc's and 2 7/8" drill string. Clean out 8 5/8" surface casing to 710'.

1/29/07
PU drill string. Clean out to 1518'.

1/30/07
Pressure test BOPE to 3000 psi and casing to 2500 psi.

1/31/07
Clean out to 1881'. Drill cement plug from 1881' to 2089'. TOH.

2/1/07
TIH with 7 7/8" bit and BHA to 1983'. Mix mud.

2/2/07
Clean out open hole to 2486'.

2/5/07
Clean out to 3970'.

2/6/07
Clean out to cement plug at 4375'. Drill out cement plug to 4571'.

2/7/07
Drill out cement plug to 4620'.

2/8/07
Drill out cement plug to 4660'. Clean out open hole to 5300'. TOH.

2/9/07
TIH to 1912'. Replace rotating head rubber and mix mud.

2/10/07
Clean out open hole to 5540'. Drill out cement plug to 5672'.

2/12/07
Drill out cement plug to 5799'.

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2/13/07

Drill out cement plug to 5925'.

2/14/07

Drill out cement plug to 5981'. Clean out open hole to TD of 6238'.

2/15/07

Circulate and condition hole. TOH LD dp.

2/16/07

RU and ran 5 ½", 17 ppf, P110, LTC casing. Float shoe, 2 jts, float collar, then casing. Land casing at 6229'.

2/17/07

RU Schlumberger. Cement with 557 sks 25/75 Poz + additives (1.74 cf/sk, 11.8 ppg) followed with 338 sks liteCRETE + additives (1.61 cf/sk, 12.5 ppg). Good returns throughout job, did not circulate cement to surface. Set casing in slips. Secure well until 2/21/07.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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Budget Bureau No. 1004-0135
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Montezuma 41-17-74

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Surface location: 619' 931' FEL, Section 17, T37S, R24E

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☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

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☐ Altering Casing

☒ Other re-entry operations

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

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CrownQuest Operating, LLC is performing re-entry operations on the above referenced well. A summary report of these operations is attached covering operations performed from 2/18/07 through 3/28/07.

RECEIVED

MAY 31 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Robert R. Griffie
Robert R. Griffie

Title Operations Manager
Agent for CrownQuest

Date: 3/29/07

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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*See Instruction on Reverse Side

CONFIDENTIAL

CrownQuest Operating, LLC
Montezuma 41-17-74
Re-Entry Report Summary

2/21/07

Cut off casing. ND BOPE. NU 5000 psi well head. Pressure test well head. Rig up for completion.

2/22/07

TIH with dp. POOH LD dp.

2/23/07

PU 4 3/4" bit and csg scraper. PU 2 7/8" tubing. TIH. Tag cmt at 6120'. Roll casing with 3 % KCL wtr. Pressure test BOPE to 5000 psi, witnessed by Jeff Brown, BLM.

2/26/07

RU Stinger wellhead isolation tool. RU Blue Jet. Ran CBL 6140' to 1700'. TOC 2250', good bond.

2/27/07

RU Blue Jet. Perforate 6044' – 6076' w/ 4 jspf. RU Superior WS. Frac with 16,000 lbs 40/70 and 70,000 lbs 20/40 Ottawa sand in 70Q N2 foam. Set frac isolation plug at 6000'. Pressure test plug to 6500 psi. Perforate 5774' – 5790' and 5960' – 5965' w/ 4 jspf. Acidize with 5000 gals 20% HCL. Open well on 3/4" choke. Flowed back casing volume + 150 bbls load in 1.5 hours. Oil and gas to surface. Shut well in.

2/28/07

RD Superior WS. SIP = 2950 psi.

3/01/07

RU sand separator. W.O. flow test equipment.

3/02/07

W.O. flow test equipment.

3/03/07

W.O. flow test equipment. SIP = 2950 psi.

3/04/07

RU flow test equipment. Pressure test equipment with well pressure.

3/05/07

RU flow test equipment. Open well on 3/8" choke, cut out choke and valves w/ sand. SI well.

3/06/07

Install HCR valves and choke system.

3/07/07

SIP – 2541 psi. Open well on 1/4" choke. Well producing 25' gas flare and amber oil. Flow back well.

3/08/07

Flow back and clean up well. Rate 906 mcfd, 56 bopd, 360 bwpd (frac fluid). SI well.

3/9/07

SIP – 2150 psi. RU Blue Jet w/ full lubricator and pack-off. Equalized pressure to Stinger isolation tool. Run composite bridge plug. Lubricator froze w/ plug at 2700', setting tool and plug snapped off rope socket. Bleed pressure down, plug appeared to be set shutting off zones. Applied 2000 psi to plug.

3/10/07

PU overshot. TIH tag fish at 2516'. Engaged grapple. Sheared setting tool from bridge plug. TOH, recovered setting tool. W.O. Halliburton snubbing unit.

3/11/07

W.O. snubbing unit.

3/12/07

RU Blue Jet. Set composite bridge plug at 2489'. TIH with 2 7/8" tubing. POOH LD tubing in singles for snubbing. TIH with 4 3/4" mill with pump off sub and back pressure valve installed in X nipple. Tag composite bridge plug at 2489'. Secure well.

3/13/07

W.O. snubbing unit.

3/14/07

RU Halliburton snubbing unit and Superior WS pump truck. Pressure test all lines and BOPE.

3/15/07

Begin milling out composite plug.

3/16/07

Mill out composite plug at 2476' holding 2500 psi back pressure with choke. Tag 2nd plug at 2586'. Mill on 2nd plug.

3/17/07

Mill out plug at 2587'. Push plug down hole, gas flowing up annulus. Flow back well through 3/8" choke overnight (590 psi FCP).

3/18/07

RU Phoenix. Retrieve back pressure valve, bottom half missing. Snub tbg out of hole. Pump off sub and sheared leaving mill and sub in hole.

3/19/07

PU overshot and bumpers sub. Snub tbg in hole. Work grapple. Snub tbh out of hole. Did not recover mill. Flow well back on 5/8" choke to clean debris from well bore (377 psi FCP, 30' flare above flare stack).

3/20/07

PU overshot with different grapple. Snub tbg into hole. Work grapple. Snub out of hole. Recovered fish. PU new mill. TIH to 2553'. RD snubbing unit.

3/21/07

Mill out lost bridge plug at 2600'. Push plug remnants to 5990'. Tag sand. Clean out sand and mill out bridge plug at 6000'. POOH to 5774'. SI well.

3/22/07

Bleed off pressure. RIH to 6000'. Continue milling out bridge plug. Clean out to PBTD at 6120'. POOH to 5774'. Flow back well through 5/8" choke.

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3/23/07

RIH, tag sand at 6100'. Clean out sand. POOH to 5774'. Flow back through test separator on 5/8" choke, 915 mcf, 3.1 bophr, 2.4 bwphr.

3/24/07

Flow test well on 5/8 choke through test separator. Avg FCP – 180 psi. Avg rates; 800 mcf, 60 bopd, 48 bwphr.

3/25/07

Flow test well. Avg FCP – 168 psi. Avg rates; 740 mcf, 31 bopd, 80 bwphr. SI well.

3/26/07

SICP – 1978 psi. Rig down equipment to move rig.

3/27/07

Prepare to change out rigs. Flow test well.

3/28/07

Prepare to change out rigs. Flow test well.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil ☒ Gas ☐ Other

2. Name of Operator

CrownQuest Operating, LLC

3. Address and Telephone No.

303 Veteran's Airpark Lane, Suite 5100, Midland TX 79705 (432) 818-0300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface location: ⁶¹⁹ 630' FNL x ⁹³¹ 940' FEL, Section 17, T37S, R24E

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
UTU 84683

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Montezuma 41-17-74

9. API Well No.

43-037-31765

10. Field and Pool, or Exploratory Area

Pennsylvanian

11. County or Parish, State

San Juan County, Utah

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RECEIVED

MAY 31 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Robert R. Griffie
Robert R. Griffie

Title Operations Manager
Agent for CrownQuest

Date: 5/16/07

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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CONFIDENTIAL

CrownQuest Operating, LLC
Montezuma 41-17-74
Re-Entry Report Summary

3/29/07

Move out HWS Rig 12, MIRU HWS Rig 10.

3/30/07

MIRU HWS Rig 10. Repair BOPE. TOH w/ 2 7/8" tbg. RU BlueJet. Set composite bp at 6010'. RU Stinger. RU Superior WS. Re-acidize perforation interval 5960' – 5965' and 5774' – 5790' w/ 5000 gals 20% HCL and 155k scf N2. Flow back well on 24/64" choke.

3/31/07

SI for pressure build up. RU Stinger, remove isolation tool. SI for buildup.

4/2/07

RU BlueJet. Set composite bridge plug at 5750'. Perforate 5712' – 5730' and 5664' – 5674' w/ 4 jspf. RU Superior WS and Stinger. Frac w/ 112,900 lbs 20/40 sand in 70Q N2 foam. RD frac equipment. Flow well back on 1/4" choke.

4/3/07

Flow back and clean up after frac.

4/4/07

RU Blue Jet. Set composite bridge plug at 5652'. Perforate 5634' – 5618' and 5588' – 5578' w/ 4 jspf. RU Superior WS. Acidized perforations with 6000 gals 20% HCL. RD frac equipment. Flow well back overnight.

4/5/07

RU BlueJet. Set composite bridge plug at 5550'. Perforate 5528' – 5518', 5508' – 5491' and 5462' – 5444' w/ 4 jspf. Acidize perforation interval with 10,000 gals, found acid was diluted due to open valve. RD frac equipment. Flow well back overnight.

4/6/07

Well dead, w.o. acidizing equipment and material.

4/7/07

Re-acidize perforation intervals from 5518' – 5508' with 10,080 gals 20% HCL. RU BlueJet. Set composite bridge plug at 5429'. Perforate 5396' – 5414' w/ 4 jspf. Frac w/ 93,003 lbs 20/40 sand in 70@ N2 foam. RD frac equipment. Flow back well overnight.

4/8/07

Flow back well on 24/64" choke. Making sand, N2, frac fluid, and gas.

4/9/07

Flow back and clean up well.

4/10/07

RD Stinger isolation tool. TIH w/ mill, pump-off sub, and 2 7/8" tubing. Clean out with air/mist to cbp @ 5429'. Flow back overnight.

4/11/07

Clean out with air/mist. Mill cbp at 5429', clean out to next cbp. Mill out cbp at 5550'. Clean out to next cbp. Start milling out cbp at 5652'. Stuck pipe. Circulate w/ air-mist overnight.

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4/12/07

Circulate air/mist and work stuck pipe.

4/13/07

SD due to weather, well SI.

4/14/07

SI due to weather.

4/15/07

RU Phoenix slick line. Run 2.25" gage ring to 5250', POOH. RU Wireline Specialties. Ran free-point. 100% free at 5262'. Back off tubing at 4995'. TOH w/ 2 7/8" tubing, visually inspect tbg. TIH w/ SN, standing valve, and tubing, pressure test every 1000', no leak in tubing string.

4/16/07

TOH w/ tubing. PU screw-in sub, jars, five 3 1/2" dc's, x/o, and RIH on 2 7/8" tubing. Screw into fish. Jar on fish, unable to free.

4/17/07

W.O. Cudd coiled tubing unit.

4/18/07

RU Cudd coiled tubing unit. Circulate 200 deg air/mist and clean out inside of tubing to 5262'. POOH with coiled tubing.

4/19/07

RU Wireline Specialties. Free point tubing, 100% free at 5262'. Work pipe, still stuck. Back off tubing at 5252'. TOH with 2 7/8" tubing.

4/20/07

PU Baker backoff tool. TIH and tag fish at 5252'. Back off tubing. TOH, recovered 2 7/8" tubing collar. TIH with overshot and Baker backoff tool. Latch fish. Attempt to back off tubing, could not back off. Dis-engage grapple and TOH.

4/23/07

TIH w/ 5 blade junk mill, sub w/ float, and 2 7/8" tubing. Circulate with air/mist. Start milling on fish. Tubing stuck, well unloaded heavy sand and flowed to pit 1 hr. Well died. Second mill stuck.

4/24/07

RU Wireline Specialites. Run freepoint. Tag fill in tubing at 5154'. Tubing 100% free at 5154'. Chemical-cut tubing at 5139'. RD Wireline. Load casing with 3% KCL. TOH lay down 2 7/8" tubing.

4/25/07

Change out tubing string to 2 3/8" N80. PU 2 3/8" tubing. TIH with overshot, jars, and dc's. Latch onto fish. Attempt to jar loose. Parted 2 7/8" tubing fish. TOH with 2 3/8" tubing and overshot. Recovered 12' of 2 7/8" tubing fish. TIH with overshot.

4/26/07

Attempt to latch onto fish. Unable to work overshot over fish. TOH. TIH with 2 3/8" tubing to top of fish. Unload casing with air. Returns were water, sand, oil, and gas.

4/27/07

Load casing w/ 3% KCL. TOH with 2 3/8" tubing. PU overshot, bumper sub, and jars. TIH on 2 3/8" tubing. Attempt to latch fish. Could not work overshot over fish. TOH. SD for weekend.

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4/30/07

TIH w 4 3/4" impression block. Tag at 5142'. TOH. Impression block showed casing ID restricted at 5142' from 4 3/4" to 4 11/16".

CONFIDENTIAL

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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11. County or Parish, State

San Juan County, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☒ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other P&A 5125' - TD

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)*

Due to extreme down hole-difficulties, CrownQuest Operating, LLC is requesting permission to P&A the well bore as described in the attached Procedure.

COPY SENT TO OPERATOR
Date: 6-13-07
Initials: RM

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

Date: 6/13/07
By: [Signature]

14. I hereby certify that the foregoing is true and correct

Signed Robert R. Griffie
Robert R. Griffie

Title Operations Manager

Date: 6/08/07

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

(Sundry 8-14-96 Temp Amend.doc)

RECEIVED

JUN 12 2007

DIV. OF OIL, GAS & MINING

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CrownQuest Operating, LLC

**Montezuma 41-17-74
Proposed P&A Procedure**

Wellbore Data

See Attachment 1, Wellbore Diagram

Current Pennsylvanian Completed Intervals

1. 6076' – 6044', 4 jspf. Frac'd w/ 16,000 lbs 40/70 and 70,000 lbs 20/40 sand in 70Q N2 foam.
2. 5790' – 5774' and 5965' – 5960', 4 jspf. Acidized w/ 5000 gals 20% HCL. Re-stimulated with an additional 5000 gals 20% HCL.
3. 5674' – 5664' and 5730' – 5712', 4 jspf. Frac'd w/ 112,900 lbs 20/40 sand in 70Q N2 foam.
4. 5634' – 5618' and 5583' – 5578', 4 jspf. Acidized w/ 6000 gals 20% HCL.
5. 5528' – 5518' and 5508' – 5491', 4 jspf. Acidized w/ 10,080 gals 20% HCL.
6. 5414' – 5396', 4 jspf. Frac'd w/ 93,003 lbs 20/40 sand in 70Q N2 foam.

Composite bridge plugs are current in place at 6010', 5750', and 5652'. These were each pressure tested to 6000 psi, prior to treating.

Summary of Events

The Daily Report summaries of all of the operational activity on this well are included as Attachment 2.

After acid and frac treatments of Pennsylvanian zones from 5396' – 6076', composite bridge plugs and sand were cleaned out to 5652'. While milling out the composite bridge plug at 5652', the tubing stuck, probably due to composite pieces and sand. Several cleanout and fishing attempts were made to try to free the string. These were not successful and the tubing was backed off at 5252'. A second mill was picked up and tripped in the hole to dress off the top of the fish. After tagging the fish, the well flowed sand, gas, oil, and water and the second mill also became stuck. Numerous attempts were made to recover the second fish. During these attempts, some tubing was recovered. Lab testing on the tubing revealed that the monel hardness of the steel had increased dramatically (attachment 3). This indicated that a down-hole fire had occurred. Subsequent inspection with a down-hole camera showed tight and restricted casing above the fish, which also confirmed the likelihood of a down-hole fire. A final fishing and wash-over attempt on 6/05/07 resulted in the recovery of a 14' length of tubing wrapped with casing (attachment 4). The top of the fish is currently at 5167'. The 5 ½" casing has been damaged, breached, and partially removed up to 5150'.

Conclusions

The down-hole fire would have generated extreme heat and caused the casing to expand, then quickly contract. The damage is likely to have occurred from some depth below the top of the first fish at 5252', upwards to 5150'. CrownQuest has spent an estimated \$750,000 to recover the fish and salvage the completion, to date. Down-hole camera runs and fishing retrieval shows that the casing is severely damaged. It is unlikely that additional fishing and washover attempts will be successful.

Recommendation

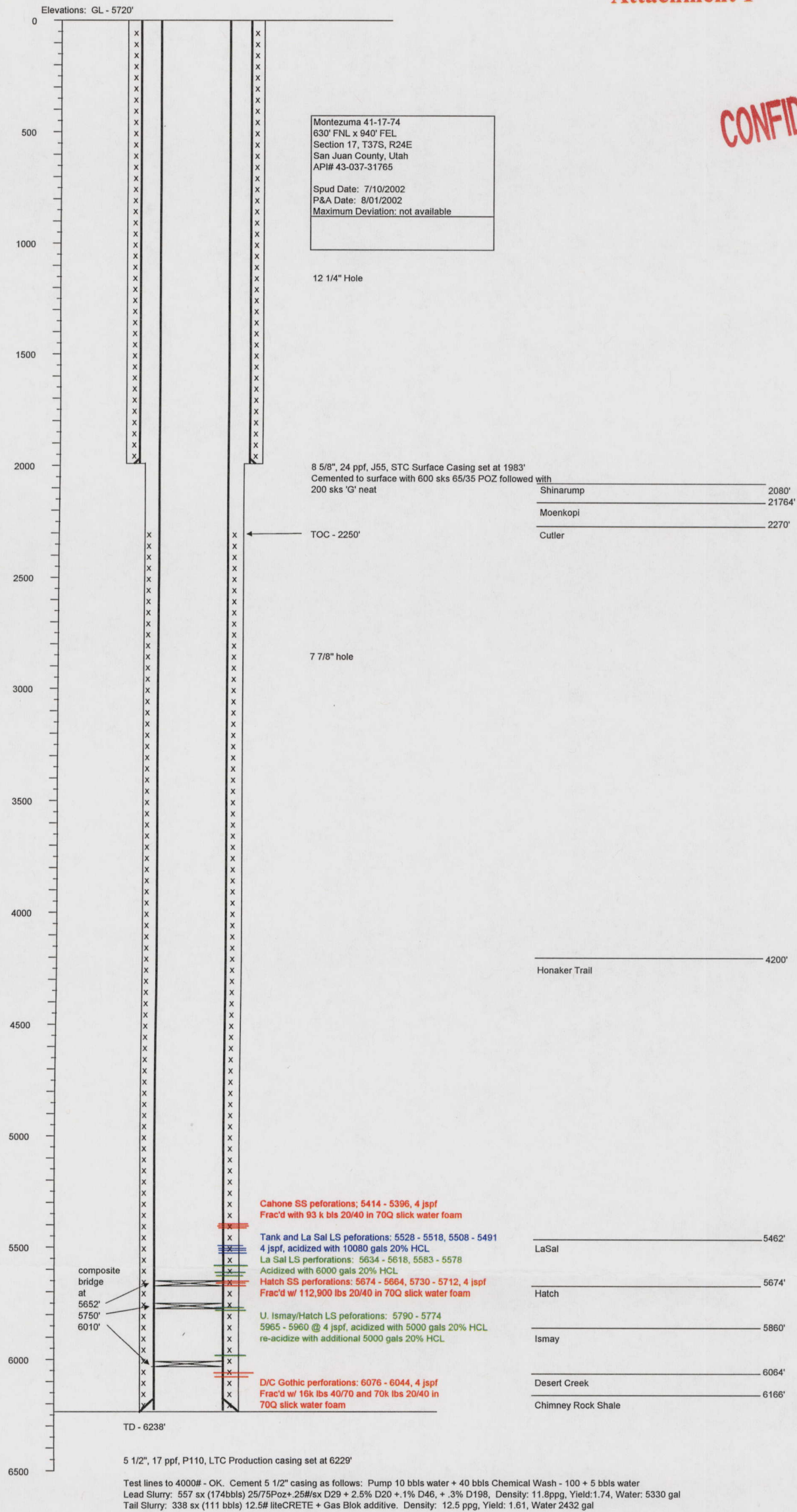
CrownQuest proposes to set a cement retainer at 5125 ft, and squeeze cement below the retainer with up to 200 sks class 'G' neat (15.6 ppg). After placing the slurry, the cement retainer would be pressure tested to 6000 psi.

Two additional zones of interest exist in this well bore, above 5125 ft. The proposed perforation intervals are 5096' – 5080' and 5046' – 5036'. CrownQuest proposes to attempt to complete these zone with a one stage frac treatment consisting of 120,000 lbs 20/40 sand in 70Q N2 foam.

If the completion is successful, the well would be placed on production. If not, the well will be plugged and abandoned as per BLM and State stipulations.

Prepared by: Robert R. Griffiee
Operations Manager
CrownQuest Operating, LLC
6/07/07

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Attachment 2

CrownQuest Operating, LLC
Montezuma 41-17-74
Re-Entry Report Summary

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5/01/07
Prepare to change out tubing strings and rigs.

5/02/07
W.O. weather.

5/03/07
W.O. weather.

5/04/07
Move Hurricane rig 10 to Bradford Canyon 1-10. MIRU Hurricane rig 12.

5/07/07
NU BOPE and equipment.

5/08/07
PU pilot mill, 3 ½" dc's, and 2 7/8" dp. RIH to 5056'.

5/09/07
TIH to 5138' and tag fish. Mill 2' of tubing to 5140', very hard.

5/10/07
TOH. Tip of pilot mill broken. W.O. grapple.

5/11/07
TIH w/ overshot. Tag fish at 5145'. Could not engage fish. TOH. PU concave mill, dc's, bumper sub, and jars. TIH. Tag at 5145'.

5/12/07
Mill tubing and bad spot in casing to 5150'. TOH.

5/14/07
PU overshot. TIH. Could not engage fish. TOH. PU impression block. TIH and tag at 5150'. TOH.

5/15/07
TIH open ended to 5150'. Circulate well bore clean with 4% KCL. PU 60'.

5/16/07
Ran down hole camera. Camera showed tight spots in casing and casing folded back over top of tubing fish.

5/17/07
WOO

5/18/07
TIH w/ washover shoe, 1 jt washover pipe, bumper sub, jars. Repair pump.

5/19/07
W.O. mechanic and parts.

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5/21/07

W.O. mechanic and parts.

5/22/07

Repair pump.

5/23/07

Repair pump. Continue washover. Washover 5 ft.

5/24/07

Continue to washover. Could not gain any additional footage. TOH. Recovered 16" x 6" piece of casing and nose from pilot mill in wash pipe. PU new shoe. TIH.

5/25/07

Tag at 5153'. Wash over 5153' – 5161'. Went down to 5175' and tagged up. POOH w/ 3 jts. SD for holiday.

5/29/07

RIH. Could not slide back over fish. TOOH. Washover shoe missing from string. TIH w/ 4 3/4" mill. Tag at 5146'. Could not mill through tite spot.

5/30/07

TOH. PU spear, bumper sub, and jars. TIH. Tag at 5146'. Work spear to engage fish. TOH. Recovered lost washover shoe.

5/31/07

PU new washover shoe and 1 jt of washover pipe. TIH. Tag at 5153'. Wash over to 5177'. Could not make additional footage.

6/01/07

TOH. No recovery in washover pipe. TIH w/ 4 3/4" mill. Tag at 5153'. Dress top 6" of fish.

6/04/07

Continue dressing fish. TOH. PU overshot. TIH. Could not engage fish. TOH.

6/05/07

Continue TOH. PU short-catch overshot. TIH. Work overshot. Engage fish. TOH. Recovered 14' of tubing wrapped with casing. TIH w. 2 7/8" tubing open ended.

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CrownQuest Operating, LLC
Montezuma 41-17-74
Re-Entry Report Summary

3/29/07

Move out HWS Rig 12, MIRU HWS Rig 10.

3/30/07

MIRU HWS Rig 10. Repair BOPE. TOH w/ 2 7/8" tbg. RU BlueJet. Set composite bp at 6010'. RU Stinger. RU Superior WS. Re-acidize perforation interval 5960' – 5965' and 5774' – 5790' w/ 5000 gals 20% HCL and 155k scf N2. Flow back well on 24/64" choke.

3/31/07

SI for pressure build up. RU Stinger, remove isolation tool. SI for buildup.

4/2/07

RU BlueJet. Set composite bridge plug at 5750'. Perforate 5712' – 5730' and 5664' – 5674' w/ 4 jspf. RU Superior WS and Stinger. Frac w/ 112,900 lbs 20/40 snd in 70Q N2 foam. RD frac equipment. Flow well back on 1/4" choke.

4/3/07

Flow back and clean up after frac.

4/4/07

RU Blue Jet. Set composite bridge plug at 5652'. Perforate 5634' – 5618' and 5588' – 5578' w/ 4 jspf. RU Superior WS. Acidized perforations with 6000 gals 20% HCL. RD frac equipment. Flow well back overnight.

4/5/07

RU BlueJet. Set composite bridge plug at 5550'. Perforate 5528' – 5518', 5508' – 5491' and 5462' – 5444' w/ 4 jspf. Acidize perforation interval with 10,000 gals, found acid was diluted due to open valve. RD frac equipment. Flow well back overnight.

4/6/07

Well dead, w.o. acidizing equipment and material.

4/7/07

Re-acidize perforation intervals from 5518' – 5508' with 10,080 gals 20% HCL. RU BlueJet. Set composite bridge plug at 5429'. Perforate 5396' – 5414' w/ 4 jspf. Frac w/ 93,003 lbs 20/40 snd in 70@ N2 foam. RD frac equipment. Flow back well overnight.

4/8/07

Flow back well on 24/64" choke. Making sand, N2, frac fluid, and gas.

4/9/07

Flow back and clean up well.

4/10/07

RD Stinger isolation tool. TIH w/ mill, pump-off sub, and 2 7/8" tubing. Clean out with air/mist to cbp @ 5429'. Flow back overnight.

4/11/07

Clean out with air/mist. Mill cbp at 5429', clean out to next cbp. Mill out cbp at 5550'. Clean out to next cbp. Start milling out cbp at 5652'. Stuck pipe. Circulate w/ air-mist overnight.

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4/12/07

Circulate air/mist and work stuck pipe.

4/13/07

SD due to weather, well SI.

4/14/07

SI due to weather.

4/15/07

RU Phoenix slick line. Run 2.25" gage ring to 5250', POOH. RU Wireline Specialties. Ran free-point. 100% free at 5262'. Back off tubing at 4995'. TOH w/ 2 7/8" tubing, visually inspect tbg. TIH w/ SN, standing valve, and tubing, pressure test every 1000', no leak in tubing string.

4/16/07

TOH w/ tubing. PU screw-in sub, jars, five 3 1/2" dc's, x/o, and RIH on 2 7/8" tubing. Screw into fish. Jar on fish, unable to free.

4/17/07

W.O. Cudd coiled tubing unit.

4/18/07

RU Cudd coiled tubing unit. Circulate 200 deg air/mist and clean out inside of tubing to 5262'. POOH with coiled tubing.

4/19/07

RU Wireline Specialties. Free point tubing, 100% free at 5262'. Work pipe, still stuck. Back off tubing at 5252'. TOH with 2 7/8" tubing.

4/20/07

PU Baker backoff tool. TIH and tag fish at 5252'. Back off tubing. TOH, recovered 2 7/8" tubing collar. TIH with overshot and Baker backoff tool. Latch fish. Attempt to back off tubing, could not back off. Dis-engage grapple and TOH.

4/23/07

TIH w/ 5 blade junk mill, sub w/ float, and 2 7/8" tubing. Circulate with air/mist. Start milling on fish. Tubing stuck, well unloaded heavy sand and flowed to pit 1 hr. Well died. Second mill stuck.

4/24/07

RU Wireline Specialites. Run freepoint. Tag fill in tubing at 5154'. Tubing 100% free at 5154'. Chemical-cut tubing at 5139'. RD Wireline. Load casing with 3% KCL. TOH lay down 2 7/8" tubing.

4/25/07

Change out tubing string to 2 3/8" N80. PU 2 3/8" tubing. TIH with overshot, jars, and dc's. Latch onto fish. Attempt to jar loose. Parted 2 7/8" tubing fish. TOH with 2 3/8" tubing and overshot. Recovered 12' of 2 7/8" tubing fish. TIH with overshot.

4/26/07

Attempt to latch onto fish. Unable to work overshot over fish. TOH. TIH with 2 3/8" tubing to top of fish. Unload casing with air. Returns were water, sand, oil, and gas.

4/27/07

Load casing w/ 3% KCL. TOH with 2 3/8" tubing. PU overshot, bumper sub, and jars. TIH on 2 3/8" tubing. Attempt to latch fish. Could not work overshot over fish. TOH. SD for weekend.

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4/30/07

TIH w 4 3/4" impression block. Tag at 5142'. TOH. Impression block showed casing ID restricted at 5142' from 4 3/4" to 4 11/16".

Tuboscope
A Visual Company**EMI INSPECTION REPORT****Attachment 3**

Customer: Crown Quest P.O. Number: _____ Date: _____
 Charge to: _____ Location: Tuboscope Yard Work Order #: _____
 Ordered By: James Young Well Name: Montezuma 41-17 #74 Inspection Order #: _____
 Rig: Hurricane #12

Tubular Goods Inspected: New Used

1 Tubing 2 7/8" 6.40 # J-55 .217"
 Lengths Type of Pipe Size Weight Grade Wall
1 2 3
 Range Thread Connection MFG. Other

Type of Inspection:

Spectrolog III inspection, Hardness testing

Couplings - Replaced: _____ Type: _____ Lengths Straightened: _____ Mileage: _____ @ _____
 Protectors - Boxes: _____ Pins: _____ Lengths ODC: _____ IDC - S R: _____ Thread Lubricant: _____
 Ends Recut: _____ Ends Ring & Plug Gauge: _____ Cleaning Solvent: _____

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INSPECTION RESULTS INSPECTION SPECS:	YELLOW	BLUE	GREEN	RED	DEFECTIVE PINS BOXES		COMMENTS
VISUAL REJECTS							
BENT							
MASHED							
INT/EXT PITTING							
RODWEAR							
OTHER							
EMI INSPECTION							
GOOD							
RODWEAR							
PITTING							
EVENWEAR							
MECHANICAL DAMAGE				X			Tube body was found to be stretched, light corrosion was present on external surface of pipe. Rockwell hardness testing was performed on tube and found to be out of acceptable limits.
OTHER							
VISUAL THREAD INSP							
VTI ONLY - GOOD							
R&P REJECT							
NON-REPAIRABLE							31-52 acceptable limits
VISUAL REJECT							
FULL LENGTH DRIFT							Tubing was reading 78-85.
FLD ONLY - GOOD							
BENT							
MASHED							
PLUGGED							
SCALE							
OTHER							
RESULTING LENGTHS							

INSPECTED BY: Frank Chioyos APPROVED BY: _____ TOTAL COUNT: 1



Attachment 4

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 84683
2. NAME OF OPERATOR: Roddy Production Company, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: PO Box 2221 CITY Farmington STATE NM ZIP 87401		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (505) 327-5750		8. WELL NAME and NUMBER: Montezuma 41-17-74
4. LOCATION OF WELL FOOTAGES AT SURFACE: 630' FNL x 940' FEL		9. API NUMBER: 4303731765
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 17 37S 24E		10. FIELD AND POOL, OR WILDCAT: Wildcat

COUNTY: San Juan

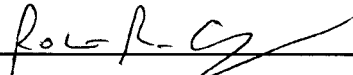
STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/12/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Re-entry and Completion
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Roddy Production Company, Inc. has performed re-entry operations and completed the above referenced well. The operations report summaries are attached.

NAME (PLEASE PRINT) Robert R. Griffee	TITLE Operations Manager
SIGNATURE 	DATE 8/1/2007

(This space for State use only)

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6/24/07

Flow back N2, sand, and water.

6/25/07

Flowback N2 and water.

6/26/07

Flowback N2 and water.

6/27/07

TIH with saw-tooth collar, SN one joint from bottom, and 2 7/8" tubing. Clean out to 5078'.

6/28/07

Clean out to 5115'. Pull up to 4936'. Well making N2 and frac fluid.

6/29/07

Swab. 23 runs, 108 bbls of frac fluid, some N2.

6/30/07

Swab, kick off well. Well making N2 and frac fluid (would not burn).

7/2/07

SICP – 485 psi, STIP 465 psi. Open well and bleed off. Appears to be N2, would not ignite.

7/3/07

Swab well dry. TOH with 2 7/8" tubing.

7/5/07

RU Blue Jet. Run gage ring. Set CIBP at 4970'. RU Superior. Pressure test casing to 4500 psi. Perforate from 4728' – 4736'. RU Stinger. Pressure test lines. Establish rate. Pump 1000 gals 20% HCL followed by frac, 40,165 lbs 20/40 sand in 60Q N2 foam. RD frac equipment. Flow well back.

7/6/07

Flow well back, recover N2 and load water.

7/07/07

TIH with sawtooth collar. Clean out sand to 4700'.

7/08/07

Clean out to 4793'. Flow well back. Recover N2 and frac water.

7/10/07

Swab 15 runs, recover 79 bbls frac fluid. Would not flow.

7/11/07

Swab well dry, no flow.

7/12/07

Swab well dry, no flow. Lay down 3 joints and land tubing at 4706'. ND BOP, NU well head. Rig down. Release rig to Jefferson State 4-1.

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CrownQuest Operating, LLC
Montezuma 41-17-74
Re-Entry Report Summary

6/6/07

TIH with 2 7/8" tubing to 5170'. Load casing with fresh wtr. RU Blue Jet. Run DHV camera. RD wireline. TOH.

6/7/07

PU 4 3/4" shoe, 1 jt wash pipe, bumper sub, and dc's. TIH. Tag at 5170'. Washover junk, 1.5', very hard. TOH. Shoe was flared out. PU new shoe. TIH.

6/8/07

Washover from 5167' – 5172', very hard.

6/11/07

W.O. approval to abandon.

6/12/07

TOH, lay down pipe and tools. Recovered 16' length of damaged casing in washover shoe.

6/13/07

Load out all tools.

6/14/07

RU Superior. Pressure casing to 1500 psi, no leak off. TIH with 2 7/8" tubing open ended to 5170'. Mix and spot 24 sk class 'G' plug (15.8 ppg, 1.15 cf/sk). TOH. PU 4 3/4" bit, TIH to 4500'.

6/15/07

Continue TIH. Tag cement at 4950'. Drill out cement to 5130'. TOH.

6/19/07

Pressure test BOPE. Release and load rental equipment.

6/20/07

RU Stinger and Superior. Pressure test lines to 5000 psi. Pressure test casing to 5000, leaked off 250 psi in 2 min. RD Stinger.

6/21/07

PU packer. TIH to 3000' and set. Pressure test back side to 3500 psi – ok. Release. TIH to 5110' and set. Pressure test back side to 4000 psi – ok. Pressure down tubing to 4500 psi. Leaked 250 psi in 2 min. TOH.

6/22/07

RU Blue Jet. Set CIBP at 5115'. RU Stinger and Superior. Pressure test casing above CIBP to 5000 psi – ok. Perforate 5080' – 5096', 5036' – 5046', 4 jspf (104 holes). Pressure test lines to 7500 psi. Start breakdown of perforation interval w/ 2% KCL water. Pressured up to 6100 psi at 2.5 – 3 bpm. Pump 1000 gals 20% HCL and displace to perms. Shut down 15 min. Re-pressure to 6800 psi, broke down at 4000 psi. Start frac, could not get adequate rate. RD frac equipment

6/23/07

TIH w/ 2 7/8" tubing to 5107'. Spot 500 gals 20% HCL across perforations. TOH. RU Stinger and Superior and pressure test. Establish injection rate of 8 bpm at 3600 psi. Pump additional 3500 gals 20% HCL. Frac perforation interval with 127,000 lbs 20/40 sand in 70Q slick water N2 foam. RU and flow back.

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5/21/07

W.O. mechanic and parts.

5/22/07

Repair pump.

5/23/07

Repair pump. Continue washover. Washover 5 ft.

5/24/07

Continue to washover. Could not gain any additional footage. TOH. Recovered 16" x 6" piece of casing and nose from pilot mill in wash pipe. PU new shoe. TIH.

5/25/07

Tag at 5153'. Wash over 5153' – 5161'. Went down to 5175' and tagged up. POOH w/ 3 jts. SD for holiday.

5/29/07

RIH. Could not slide back over fish. TOOH. Washover shoe missing from string. TIH w/ 4 ¼" mill. Tag at 5146'. Could not mill through tite spot.

5/30/07

TOH. PU spear, bumper sub, and jars. TIH. Tag at 5146'. Work spear to engage fish. TOH. Recovered lost washover shoe.

5/31/07

PU new washover shoe and 1 jt of washover pipe. TIH. Tag at 5153'. Wash over to 5177'. Could not make additional footage.

6/01/07

TOH. No recovery in washover pipe. TIH w/ 4 ¾" mill. Tag at 5153'. Dress top 6" of fish.

6/04/07

Continue dressing fish. TOH. PU overshot. TIH. Could not engage fish. TOH.

6/05/07

Continue TOH. PU short-catch overshot. TIH. Work overshot. Engage fish. TOH. Recovered 14' of tubing wrapped with casing. TIH w. 2 7/8" tubing open ended.

CONFIDENTIAL

CrownQuest Operating, LLC
Montezuma 41-17-74
Re-Entry Report Summary

5/01/07

Prepare to change out tubing strings and rigs.

5/02/07

W.O. weather.

5/03/07

W.O. weather.

5/04/07

Move Hurricane rig 10 to Bradford Canyon 1-10. MIRU Hurricane rig 12.

5/07/07

NU BOPE and equipment.

5/08/07

PU pilot mill, 3 ½" dc's, and 2 7/8" dp. RIH to 5056'.

5/09/07

TIH to 5138' and tag fish. Mill 2' of tubing to 5140', very hard.

5/10/07

TOH. Tip of pilot mill broken. W.O. grapple.

5/11/07

TIH w/ overshot. Tag fish at 5145'. Could not engage fish. TOH. PU concave mill, dc's, bumper sub, and jars. TIH. Tag at 5145'.

5/12/07

Mill tubing and bad spot in casing to 5150'. TOH.

5/14/07

PU overshot. TIH. Could not engage fish. TOH. PU impression block. TIH and tag at 5150'. TOH.

5/15/07

TIH open ended to 5150'. Circulate well bore clean with 4% KCL. PU 60'.

5/16/07

Ran down hole camera. Camera showed tight spots in casing and casing folded back over top of tubing fish.

5/17/07

WOO

5/18/07

TIH w/ washover shoe, 1 jt washover pipe, bumper sub, jars. Repair pump.

5/19/07

W.O. mechanic and parts.

CONFIDENTIAL

4/30/07

TIH w 4 $\frac{3}{4}$ " impression block. Tag at 5142'. TOH. Impression block showed casing ID restricted at 5142' from 4 $\frac{3}{4}$ " to 4 $\frac{11}{16}$ ".

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4/12/07

Circulate air/mist and work stuck pipe.

4/13/07

SD due to weather, well SI.

4/14/07

SI due to weather.

4/15/07

RU Phoenix slick line. Run 2.25" gage ring to 5250', POOH. RU Wireline Specialties. Ran free-point. 100% free at 5262'. Back off tubing at 4995'. TOH w/ 2 7/8" tubing, visually inspect tbg. TIH w/ SN, standing valve, and tubing, pressure test every 1000', no leak in tubing string.

4/16/07

TOH w/ tubing. PU screw-in sub, jars, five 3 1/2" dc's, x/o, and RIH on 2 7/8" tubing. Screw into fish. Jar on fish, unable to free.

4/17/07

W.O. Cudd coiled tubing unit.

4/18/07

RU Cudd coiled tubing unit. Circulate 200 deg air/mist and clean out inside of tubing to 5262'. POOH with coiled tubing.

4/19/07

RU Wireline Specialties. Free point tubing, 100% free at 5262'. Work pipe, still stuck. Back off tubing at 5252'. TOH with 2 7/8" tubing.

4/20/07

PU Baker backoff tool. TIH and tag fish at 5252'. Back off tubing. TOH, recovered 2 7/8" tubing collar. TIH with overshot and Baker backoff tool. Latch fish. Attempt to back off tubing, could not back off. Dis-engage grapple and TOH.

4/23/07

TIH w/ 5 blade junk mill, sub w/ float, and 2 7/8" tubing. Circulate with air/mist. Start milling on fish. Tubing stuck, well unloaded heavy sand and flowed to pit 1 hr. Well died. Second mill stuck.

4/24/07

RU Wireline Specialites. Run freepoint. Tag fill in tubing at 5154'. Tubing 100% free at 5154'. Chemical-cut tubing at 5139'. RD Wireline. Load casing with 3% KCL. TOH lay down 2 7/8" tubing.

4/25/07

Change out tubing string to 2 3/8" N80. PU 2 3/8" tubing. TIH with overshot, jars, and dc's. Latch onto fish. Attempt to jar loose. Parted 2 7/8" tubing fish. TOH with 2 3/8" tubing and overshot. Recovered 12' of 2 7/8" tubing fish. TIH with overshot.

4/26/07

Attempt to latch onto fish. Unable to work overshot over fish. TOH. TIH with 2 3/8" tubing to top of fish. Unload casing with air. Returns were water, sand, oil, and gas.

4/27/07

Load casing w/ 3% KCL. TOH with 2 3/8" tubing. PU overshot, bumper sub, and jars. TIH on 2 3/8" tubing. Attempt to latch fish. Could not work overshot over fish. TOH. SD for weekend.

CrownQuest Operating, LLC
Montezuma 41-17-74
Re-Entry Report Summary

CONFIDENTIAL

3/29/07

Move out HWS Rig 12, MIRU HWS Rig 10.

3/30/07

MIRU HWS Rig 10. Repair BOPE. TOH w/ 2 7/8" tbg. RU BlueJet. Set composite bp at 6010'. RU Stinger. RU Superior WS. Re-acidize perforation interval 5960' – 5965' and 5774' – 5790' w/ 5000 gals 20% HCL and 155k scf N2. Flow back well on 24/64" choke.

3/31/07

SI for pressure build up. RU Stinger, remove isolation tool. SI for buildup.

4/2/07

RU BlueJet. Set composite bridge plug at 5750'. Perforate 5712' – 5730' and 5664' – 5674' w/ 4 jspf. RU Superior WS and Stinger. Frac w/ 112,900 lbs 20/40 sand in 70Q N2 foam. RD frac equipment. Flow well back on 1/4" choke.

4/3/07

Flow back and clean up after frac.

4/4/07

RU Blue Jet. Set composite bridge plug at 5652'. Perforate 5634' – 5618' and 5588' – 5578' w/ 4 jspf. RU Superior WS. Acidized perforations with 6000 gals 20% HCL. RD frac equipment. Flow well back overnight.

4/5/07

RU BlueJet. Set composite bridge plug at 5550'. Perforate 5528' – 5518', 5508' – 5491' and 5462' – 5444' w/ 4 jspf. Acidize perforation interval with 10,000 gals, found acid was diluted due to open valve. RD frac equipment. Flow well back overnight.

4/6/07

Well dead, w.o. acidizing equipment and material.

4/7/07

Re-acidize perforation intervals from 5518' – 5508' with 10,080 gals 20% HCL. RU BlueJet. Set composite bridge plug at 5429'. Perforate 5396' – 5414' w/ 4 jspf. Frac w/ 93,003 lbs 20/40 sand in 70@ N2 foam. RD frac equipment. Flow back well overnight.

4/8/07

Flow back well on 24/64" choke. Making sand, N2, frac fluid, and gas.

4/9/07

Flow back and clean up well.

4/10/07

RD Stinger isolation tool. TIH w/ mill, pump-off sub, and 2 7/8" tubing. Clean out with air/mist to cbp @ 5429'. Flow back overnight.

4/11/07

Clean out with air/mist. Mill cbp at 5429', clean out to next cbp. Mill out cbp at 5550'. Clean out to next cbp. Start milling out cbp at 5652'. Stuck pipe. Circulate w/ air-mist overnight.

CONFIDENTIAL

3/23/07

RIH, tag sand at 6100'. Clean out sand. POOH to 5774'. Flow back through test separator on 5/8" choke, 915 mcfd, 3.1 bophr, 2.4 bwphr.

3/24/07

Flow test well on 5/8 choke through test separator. Avg FCP – 180 psi. Avg rates; 800 mcfd, 60 bopd, 48 bwpd.

3/25/07

Flow test well. Avg FCP – 168 psi. Avg rates; 740 mcfd, 31 bopd, 80 bwpd. SI well.

3/26/07

SICP – 1978 psi. Rig down equipment to move rig.

3/27/07

Prepare to change out rigs. Flow test well.

3/28/07

Prepare to change out rigs. Flow test well.

CONFIDENTIAL

3/9/07

SIP – 2150 psi. RU Blue Jet w/ full lubricator and pack-off. Equalized pressure to Stinger isolation tool. Run composite bridge plug. Lubricator froze w/ plug at 2700', setting tool and plug snapped off rope socket. Bleed pressure down, plug appeared to be set shutting off zones. Applied 2000 psi to plug.

3/10/07

PU overshot. TIH tag fish at 2516'. Engaged grapple. Sheared setting tool from bridge plug. TOH, recovered setting tool. W.O. Halliburton snubbing unit.

3/11/07

W.O. snubbing unit.

3/12/07

RU Blue Jet. Set composite bridge plug at 2489'. TIH with 2 7/8" tubing. POOH LD tubing in singles for snubbing. TIH with 4 3/4" mill with pump off sub and back pressure valve installed in X nipple. Tag composite bridge plug at 2489'. Secure well.

3/13/07

W.O. snubbing unit.

3/14/07

RU Halliburton snubbing unit and Superior WS pump truck. Pressure test all lines and BOPE.

3/15/07

Begin milling out composite plug.

3/16/07

Mill out composite plug at 2476' holding 2500 psi back pressure with choke. Tag 2nd plug at 2586'. Mill on 2nd plug.

3/17/07

Mill out plug at 2587'. Push plug down hole, gas flowing up annulus. Flow back well through 3/8" choke overnight (590 psi FCP).

3/18/07

RU Phoenix. Retrieve back pressure valve, bottom half missing. Snub tbg out of hole. Pump off sub and sheared leaving mill and sub in hole.

3/19/07

PU overshot and bumpers sub. Snub tbg in hole. Work grapple. Snub tbh out of hole. Did not recover mill. Flow well back on 5/8" choke to clean debris from well bore (377 psi FCP, 30' flare above flare stack).

3/20/07

PU overshot with different grapple. Snub tbg into hole. Work grapple. Snub out of hole. Recovered fish. PU new mill. TIH to 2553'. RD snubbing unit.

3/21/07

Mill out lost bridge plug at 2600'. Push plug remnants to 5990'. Tag sand. Clean out sand and mill out bridge plug at 6000'. POOH to 5774'. SI well.

3/22/07

Bleed off pressure. RIH to 6000'. Continue milling out bridge plug. Clean out to PBTD at 6120'. POOH to 5774'. Flow back well through 5/8" choke.

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CrownQuest Operating, LLC
Montezuma 41-17-74
Re-Entry Report Summary

2/21/07

Cut off casing. ND BOPE. NU 5000 psi well head. Pressure test well head. Rig up for completion.

2/22/07

TIH with dp. POOH LD dp.

2/23/07

PU 4 3/4" bit and csg scraper. PU 2 7/8" tubing. TIH. Tag cmt at 6120'. Roll casing with 3 % KCL wtr. Pressure test BOPE to 5000 psi, witnessed by Jeff Brown, BLM.

2/26/07

RU Stinger wellhead isolation tool. RU Blue Jet. Ran CBL 6140' to 1700'. TOC 2250', good bond.

2/27/07

RU Blue Jet. Perforate 6044' – 6076' w/ 4 jspf. RU Superior WS. Frac with 16,000 lbs 40/70 and 70,000 lbs 20/40 Ottawa sand in 70Q N2 foam. Set frac isolation plug at 6000'. Pressure test plug to 6500 psi. Perforate 5774' – 5790' and 5960' – 5965' w/ 4 jspf. Acidize with 5000 gals 20% HCL. Open well on 3/4" choke. Flowed back casing volume + 150 bbls load in 1.5 hours. Oil and gas to surface. Shut well in.

2/28/07

RD Superior WS. SIP = 2950 psi.

3/01/07

RU sand separator. W.O. flow test equipment.

3/02/07

W.O. flow test equipment.

3/03/07

W.O. flow test equipment. SIP = 2950 psi.

3/04/07

RU flow test equipment. Pressure test equipment with well pressure.

3/05/07

RU flow test equipment. Open well on 3/8" choke, cut out choke and valves w/ sand. SI well.

3/06/07

Install HCR valves and choke system.

3/07/07

SIP – 2541 psi. Open well on 1/4" choke. Well producing 25' gas flare and amber oil. Flow back well.

3/08/07

Flow back and clean up well. Rate 906 mcfd, 56 bopd, 360 bwpd (frac fluid). SI well.

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2/13/07

Drill out cement plug to 5925'.

2/14/07

Drill out cement plug to 5981'. Clean out open hole to TD of 6238'.

2/15/07

Circulate and condition hole. TOH LD dp.

2/16/07

RU and ran 5 ½", 17 ppf, P110, LTC casing. Float shoe, 2 jts, float collar, then casing. Land casing at 6229'.

2/17/07

RU Schlumberger. Cement with 557 sks 25/75 Poz + additives (1.74 cf/sk, 11.8 ppg) followed with 338 sks liteCRETE + additives (1.61 cf/sk, 12.5 ppg). Good returns throughout job, did not circulate cement to surface. Set casing in slips. Secure well until 2/21/07.

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CrownQuest Operating, LLC
Montezuma 41-17-74
Re-Entry Report Summary

1/23/07
MIRU Hurricane Well Service Rig 12.

1/24/07
RU, NU BOPE.

1/25/07
RU.

1/26/07
RU. PU 7 7/8" bit and dc. Drill through cement plug at surface.

1/27/07
PU dc's and 2 7/8" drill string. Clean out 8 5/8" surface casing to 710'.

1/29/07
PU drill string. Clean out to 1518'.

1/30/07
Pressure test BOPE to 3000 psi and casing to 2500 psi.

1/31/07
Clean out to 1881'. Drill cement plug from 1881' to 2089'. TOH.

2/1/07
TIH with 7 7/8" bit and BHA to 1983'. Mix mud.

2/2/07
Clean out open hole to 2486'.

2/5/07
Clean out to 3970'.

2/6/07
Clean out to cement plug at 4375'. Drill out cement plug to 4571'.

2/7/07
Drill out cement plug to 4620'.

2/8/07
Drill out cement plug to 4660'. Clean out open hole to 5300'. TOH.

2/9/07
TIH to 1912'. Replace rotating head rubber and mix mud.

2/10/07
Clean out open hole to 5540'. Drill out cement plug to 5672'.

2/12/07
Drill out cement plug to 5799'.

NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - A copy of electric and radioactivity logs, if run
 - A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: Crownquest Operating, LLC Today's Date: 09/18/2007

Well:	API Number:	Drilling Commenced:
Montezuma 41-17-74 wcr	4303731765	01/26/2007

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File
Compliance File

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

RECEIVED

AUG 15 2007

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FORM 9

DIV. OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

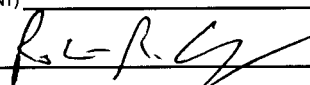
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 84683
2. NAME OF OPERATOR: CrownQuest Operating, LLC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: PO Box 2221 CITY Farmington STATE NM ZIP 87401		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (505) 327-5750		8. WELL NAME and NUMBER: Montezuma 41-17-74
4. LOCATION OF WELL FOOTAGES AT SURFACE: 630' FNL x 940' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 17 37S 24E		9. API NUMBER: 4303731765
		10. FIELD AND POOL, OR WILDCAT: Wildcat
		COUNTY: San Juan
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 8/20/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CrownQuest Operating, LLC is requesting permission to plug this well. The plugging procedure is attached. CrownQuest is submitting and APD to re-drill this well, using the existing well pad.

NAME (PLEASE PRINT) Robert R. Griffie	TITLE Operations Manager
SIGNATURE 	DATE 8/13/2007

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

(5/2000)

(See Instructions on Reverse Side)

Date: 9/14/07

By: 

* Form 8 - Well Completion Report shall be submitted immediately.

Montezuma 41-17-74
Plugging Procedure

See attached well bore diagram.

1. MIRU pulling unit.
2. ND well head, NU BOPE.
3. TOH with 2 3/8" tubing. Remove SN.
4. TIH open ended to 4778'.

Plug #1

5. Spot 45 sk class 'G' balanced plug. Pull tubing up to 4200'. Close pipe rams and pump 20 sks into perforations.
6. POOH to 4250'.

Plug #2 – Honaker Trail

7. Spot 25 sk class 'G' balanced plug, inside casing, 4250' – 4150'.
8. POOH to 2320'.

Plug #3 - Cutler

9. Spot 25 sk class 'G' balanced plug, inside casing, 2320' – 2220'.
10. TOH.

Plug #4 – Shinarump and Base of Surface casing.

11. Set WL-set CIBP at 2200'. Pressure test to 2000 psi.
12. Perforate two 1/2" squeeze holes at 2130'.
13. Establish circulation down casing, out through squeeze holes, up the outside of the 5 1/2" casing, through Braden head.
14. PU cement retainer. TIH to 1933', set retainer.
15. Cement under retainer with 90 sks class 'G'. Sting out of retainer and spot 10 sks on top of retainer.
16. TOH.

Plug #5 - Surface

17. Perforate two 1/2" squeeze holes at 100'. Bull head 45 sks class 'G' down casing, through squeeze holes, and out braden head.

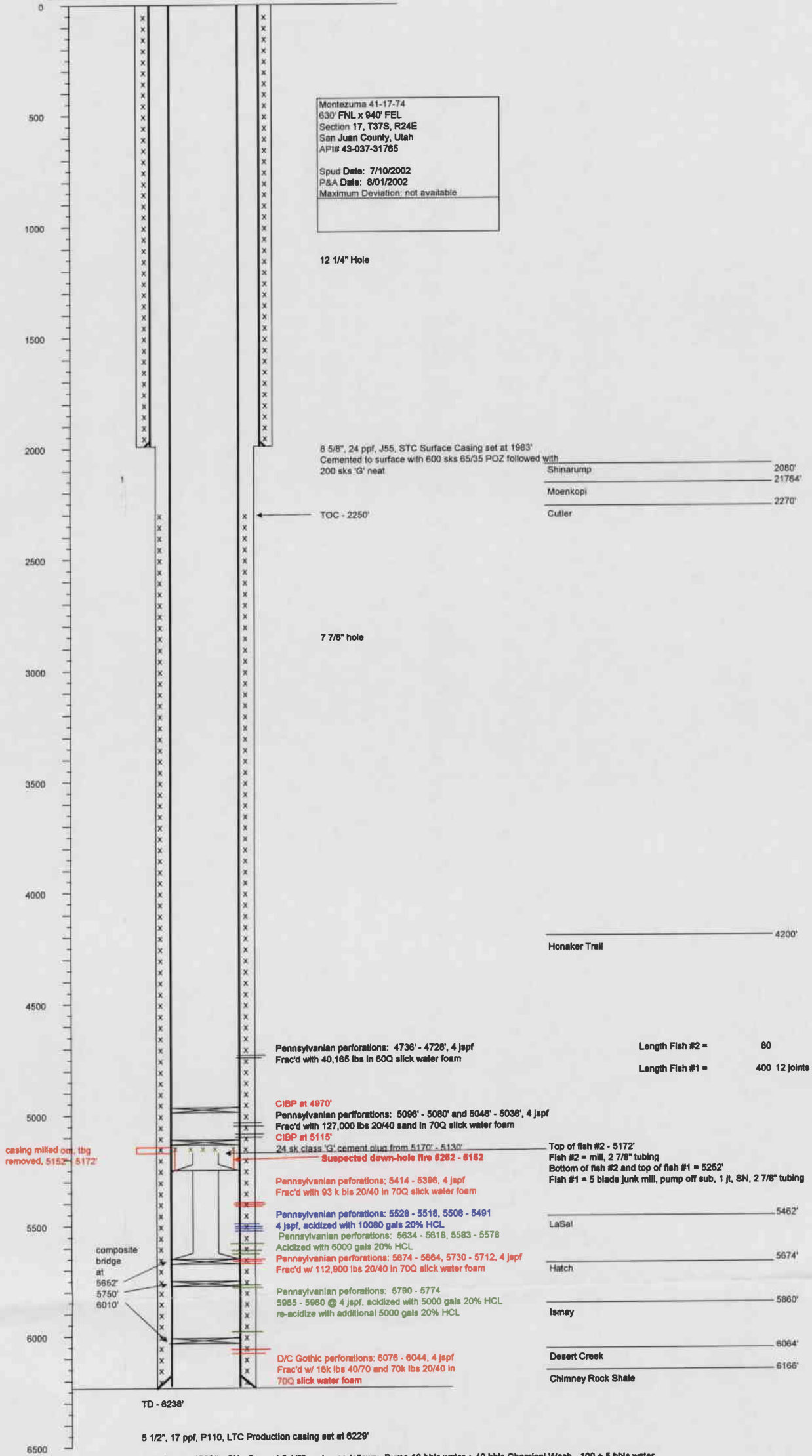
18. Cut off well head. Cut off casing 6' below ground level. Weld dry-hole plate on top of casing. Plate to contain the following information:

- a. Well Name
- b. Legal location
- c. API #
- d. Lease #

Reclamation plans are not included. CrownQuest Operating, LLC, is submitting an APD to redrill this well. The re-drill will utilize the existing pad.

R. Griffie
8/13/07

Elevations: GL - 5720'



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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 84683
2. NAME OF OPERATOR: CrownQuest Operating, LLC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: PO Box 2221 CITY Farmington STATE NM ZIP 87401	7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (505) 327-5750	8. WELL NAME and NUMBER: Montezuma 41-17-74
4. LOCATION OF WELL FOOTAGES AT SURFACE: 630' FNL x 940' FEL	9. API NUMBER: 4303731765
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 17 37S 24E	10. FIELD AND POOL, OR WILDCAT: Wildcat
COUNTY: San Juan	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/23/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.


8/22/07 - Circ hole w/ 65 bw, Jeff Brown w/ BLM on location and approved actions. Tag @ 4770' & set 1st plug from 3891-4770' w/ 100 sxs CL G

8/23/07 - Jack Johnson w/ BLM on location and approved actions. Tag cmt @ 4010' & spot 2nd plug from 2239-2339' w/ 25 sxs CL G neat & circ mud to 2200'. Set CIBP @ 2200' & test to 2000 psi okay for 3rd plug. Shoot 2 sqz holes @ 2130' & establish circ. Set CIGR @ 1933' & sqz w/ 90 sxs CL G into perfs & sting out and leave 10 sxs CL G on top of CIGR for plug #4. Circ mud from 1850' to 100' & shoot 2 sqz holes @ 100'. Plug #5 mix and pump 50 sxs CL G down tbq out perfs & circ 10 sxs out back side to surface. ND BOP & RD PU. Well is PxA'd.

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SEP 2 8 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Robert R Griffee	TITLE Operations Manager
SIGNATURE 	DATE 9/26/2007

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU 84683

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
Montezuma 41-17-74

9. API NUMBER:
4303731765

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. QTR/QTR, SECTION, TOWNSHIP, RANGE,
MERIDIAN:
NENE 17 37S 24E

12. COUNTY
San Juan

13. STATE
UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☒ DIFF. RESVR. ☐ OTHER _____

2. NAME OF OPERATOR:
CrownQuest Operating, LLC

3. ADDRESS OF OPERATOR:
PO Box 2221 CITY Farmington STATE NM ZIP 87499

PHONE NUMBER:
(505) 325-5750

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: **630' FNL x 940' FEL**

AT TOP PRODUCING INTERVAL REPORTED BELOW: **Same as surface**

AT TOTAL DEPTH: **Same as surface**

14. DATE SPUDDED:
1/26/2007

15. DATE T.D. REACHED:
2/14/2007

16. DATE COMPLETED:

8/22/07

ABANDONED ☒ READY TO PRODUCE ☐

17. ELEVATIONS (DF, RKB, RT, GL):
5720' GL

18. TOTAL DEPTH: MD **6,238**
TVD **6,238**

19. PLUG BACK T.D.: MD **0**
TVD **0**

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD **0**
PLUG SET: TVD **0**

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

CBL

23.

WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)
WAS DST RUN? NO ☒ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☒ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12-1/4	8-5/8 J-55	24	0	1,983		Multi 800	257	Circ	
7-7/8	5-1/2 P100	17	0	6,229		Multi 895	270	2250' CBL	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Pennsylvanian	4,729	6,079		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
See Attachment #1			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
See Attachment #1	

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DIV. OF OIL, GAS & MINING

29. ENCLOSED ATTACHMENTS:

☒ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☒ OTHER: **27-31 Details**

30. WELL STATUS:

PxA

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

See Attachment #2

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Vented (flared) for testing

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Ismay	5,860	6,064	Oil, gas, & brine water	Shinarump	2,080
Desert Creek	6,064	6,166	Oil, gas, & brine water	Moenkopi	2,164
				Cutler	2,270
				Honaker Trails	4,200
				Ismay	5,860
				Desert Creek	6,064
				Chimney Rock	6,166

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Robert R Griffie

TITLE Operations Manager

SIGNATURE *Robert R. Griffie*

DATE 9/27/2007

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

CONFIDENTIAL

Attachment #1

27. Pennsylvanian Perforation Record

Top	Bottom	# Holes	Perforation Status	Interval #
6044	6076	128	P x A'd	1
5774	5790	64	P x A'd	2
5960	5965	20	P x A'd	2
5664	5674	40	P x A'd	3
5712	5730	72	P x A'd	3
5578	5588	40	P x A'd	4
5618	5634	64	P x A'd	4
5444	5462	72	P x A'd	5
5491	5508	68	P x A'd	5
5518	5528	40	P x A'd	5
5396	5414	72	P x A'd	6
5036	5046	40	P x A'd	7
5080	5096	64	P x A'd	7
4728	4736	32	P x A'd	8

28. Pennsylvanian Acid, Fracture, Treatment, Cement Squeezes, Etc.

Top	Bottom	Amount & Type of Material	Interval #
6044	6076	16000 lbs 40/ 70 & 70000 lbs 20/40 & 70Q N2	1
5774	5965	5000 gal 20% HCl	2
5664	5730	112900 lbs 20/40 & 70Q N2	3
5578	5634	6000 gal 20% HCl	4
5444	5528	10000 gal 20% HCl	5
5396	5414	93000 lbs 20/40 & 70Q N2	6
5036	5096	127000 lbs 20/40 & 70Q N2	7
4728	4736	40000 lbs 20/40 & 60Q N2	8

CONFIDENTIAL

Attachement #2

Interval #1

Date First Produced:	Test Date	Hours Tested:	Test Rate	Oil -bbls	Gas - mcf	Water - bbls	Prod Method
2/27/2007	3/30/2007	24		74	505	17	Flowing
Choke Size	Tbg Press	Csg Press	API Gravity	BTU - Gas	GOR	24 hr Rate	Interval Status
1/4"		445			6.8	74	PxA'd

Interval #2

Date First Produced:	Test Date	Hours Tested:	Test Rate	Oil -bbls	Gas - mcf	Water - bbls	Prod Method
4/3/2007	4/4/2007	20		42	522	85	Flowing
Choke Size	Tbg Press	Csg Press	API Gravity	BTU - Gas	GOR	24 hr Rate	Interval Status
1/4"		324			10.4	50	PxA'd

Interval #3

Date First Produced:	Test Date	Hours Tested:	Test Rate	Oil -bbls	Gas - mcf	Water - bbls	Prod Method
*							
Choke Size	Tbg Press	Csg Press	API Gravity	BTU - Gas	GOR	24 hr Rate	Interval Status

Interval #4

Date First Produced:	Test Date	Hours Tested:	Test Rate	Oil -bbls	Gas - mcf	Water - bbls	Prod Method
*							
Choke Size	Tbg Press	Csg Press	API Gravity	BTU - Gas	GOR	24 hr Rate	Interval Status

Interval #5

Date First Produced:	Test Date	Hours Tested:	Test Rate	Oil -bbls	Gas - mcf	Water - bbls	Prod Method
*							
Choke Size	Tbg Press	Csg Press	API Gravity	BTU - Gas	GOR	24 hr Rate	Interval Status

Interval #6

Date First Produced:	Test Date	Hours Tested:	Test Rate	Oil -bbls	Gas - mcf	Water - bbls	Prod Method
*							
Choke Size	Tbg Press	Csg Press	API Gravity	BTU - Gas	GOR	24 hr Rate	Interval Status

Interval #7

Date First Produced:	Test Date	Hours Tested:	Test Rate	Oil -bbls	Gas - mcf	Water - bbls	Prod Method
	7/3/2007				TSTM		
Choke Size	Tbg Press	Csg Press	API Gravity	BTU - Gas	GOR	24 hr Rate	Interval Status
							TSTM

Interval #8

Date First Produced:	Test Date	Hours Tested:	Test Rate	Oil -bbls	Gas - mcf	Water - bbls	Prod Method
	7/11/2007				TSTM		
Choke Size	Tbg Press	Csg Press	API Gravity	BTU - Gas	GOR	24 hr Rate	Interval Status
							TSTM

* Intended to test intervals 3-6 together but well failed first

**Montezuma 41-17-74
Shinarump Re-entry**

CrownQuest Operating LLC originally re-entered this well bore in February of 2007 and completed the Pennsylvanian with operations ending in July of 2007. The well bore was lost below 5115' due to a down-hole fire.

The Montezuma 41-17-74 2X has been drilled to replace the original well bore and is currently being completed in the Pennsylvanian zones. New open hole logs were run on the 2X, from TD to the base of the surface casing. Log analysis shows that the Shinarump sandstone may be productive from 2610' to 2652'.

CrownQuest requests to re-enter the original well bore and test the Shinarump sandstone. The Shinarump (Triassic age) is a completely different potential producing zone than the Pennsylvanian that is being completed in the 2X.

The location is already permitted and in use by operations on the 2X. No new surface disturbance will be required.

R. Griffie
1/29/08

RECEIVED

FEB 06 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: UTU 84683	6. SURFACE: Federal
1A. TYPE OF WORK: DRILL <input type="checkbox"/> REENTER <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: CrownQuest Operation, LLC				9. WELL NAME and NUMBER: Montezuma 41-17-74	
3. ADDRESS OF OPERATOR: P.O. Box 2221 CITY Farmington STATE NM ZIP 87499				PHONE NUMBER: (505) 325-5750	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 619' FNL x 931' FEL AT PROPOSED PRODUCING ZONE: same				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 17 37S 24E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 10 miles Easet by Southeast from Blanding Utah				12. COUNTY: San Juan	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 619'		16. NUMBER OF ACRES IN LEASE: 2234		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 160	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 100'		19. PROPOSED DEPTH: 3,000		20. BOND DESCRIPTION: RLB 0007554	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5720' GL		22. APPROXIMATE DATE WORK WILL START: 3/15/2008		23. ESTIMATED DURATION: 60 days	

24. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH
7 7/8	5 1/2	P110	17	3,000

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Robert R. Griffiee TITLE Operations Manager

SIGNATURE [Signature] DATE 1/30/2008

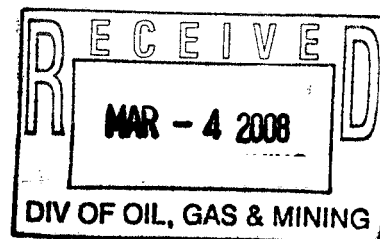
(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

API NUMBER ASSIGNED: 43-037-31765

Date: 03-05-08

By: [Signature]



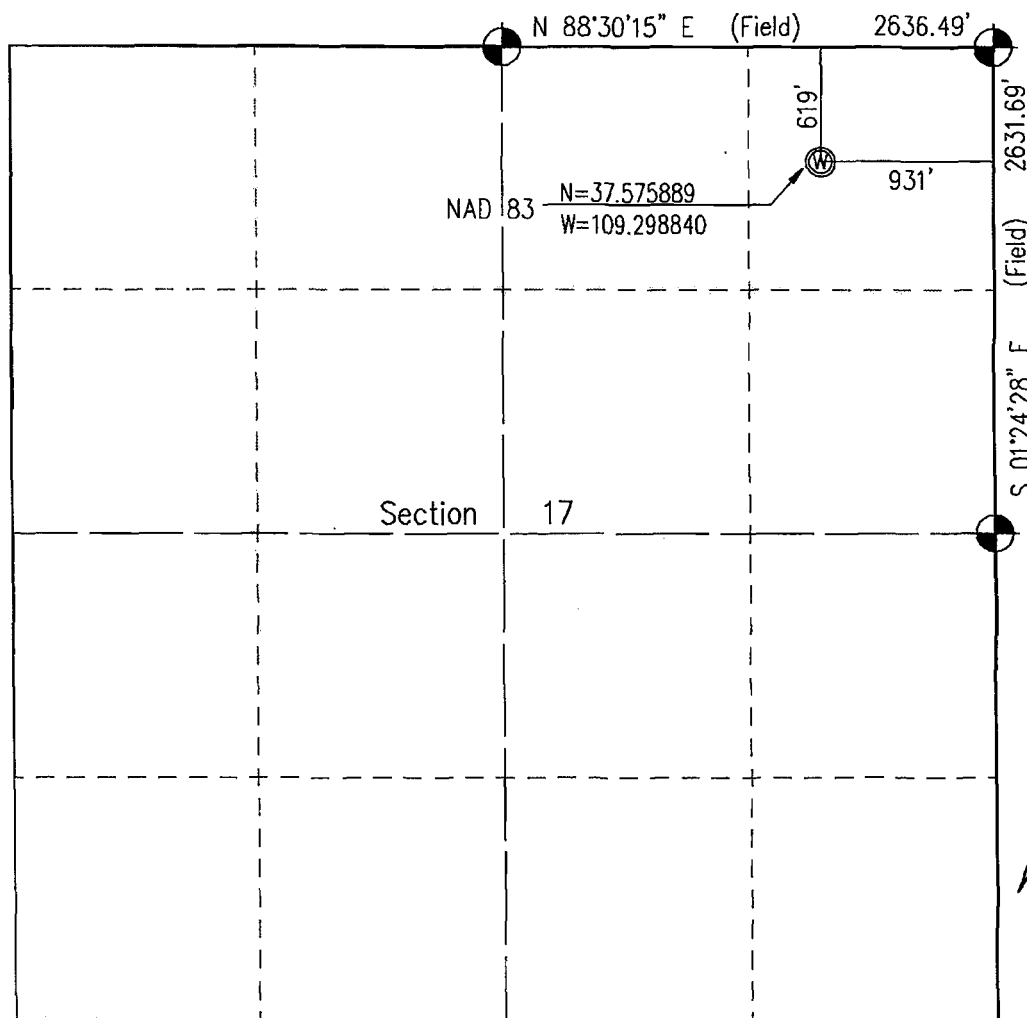
UTAH WELL LOCATION PLAT

OPERATOR Crown Quest Operating
 LEASE Montezuma WELL NO. 41-17-74
 SECTION 17 TOWNSHIP 37 South RANGE 24 East 6th, P.M.
 COUNTY San Juan UTAH
 FOOTAGE LOCATION OF WELL: 619 FEET FROM THE North LINE and
931 FEET FROM THE East LINE and
 GROUND LEVEL ELEVATION: 5674.50'
 SURFACE USE WITHIN 200' RADIUS: No Improvements Within 200' - Pasture
 BASIS OF BEARING: GPS Data - NAD 83
 BASIS OF ELEVATION: GPS Data - Diff. corrections Omnistar

500' 500'
 1" = 1000'

Some information on this plat is based on information taken from previous surveys, record information, or collateral evidence and may not reflect that which may be disclosed by a complete boundary survey. This plat is not to be relied on for the establishment of surface boundaries, fences, buildings, or other future improvements.

GLO BC
 WELL Location

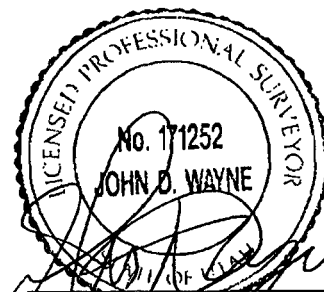


I hereby certify that the proposed well location shown on this plat was prepared from field notes of an actual survey by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief, and that there are no visible improvements within 200 feet of this proposed wellhead, unless noted otherwise.

RECEIVED

MAR 26 2007

DIV. OF OIL, GAS & MINING



John D. Wayne
 Professional L.S. #171252
 State of Utah

JUNE 24, 2006

Date Surveyed:

JUNE 26, 2006

Date Platted:

SCALE: 1" = 1000'

Re-Entry Plan

Well Name: Montezuma 41-17-74

Surface Location: 619' FNL x 931' FEL, Section 17, T37S, R24E
San Juan County, Utah

Target Formation: Shinarump (Triassic)

Elevation: 5720' GL

Geology:

Formation	Top	Probable Content
Morrison	Surface	
Bluff Ss	586'	potential fresh water
Wanakah	680'	
Entrada Ss	826'	potential fresh water
Carmel	994'	
Navajo Ss	1030'	potential fresh water
Kayenta	1408'	
Wingate Ss	1550'	brine
Chinle	1974'	red shale
Shinarump Ss	2586'	gas/oil/brine
Moenkopi	2660'	red shale
Permian	2832'	
TD	3000'	

Logging Program: Open hole logs have already been obtained and submitted. Cased hole neutron log to be run after re-entering well bore.

Clean-out Fluid Program:

Interval	Fluid Type	Weight	Viscosity	Fluid Loss
0' - 3000'	fresh water	8.4 ppg	n/a	no control

Casing Program:

Interval	Hole Diameter	Csg Size	Wt.	Grade	Thread
Production - Already installed 2-17-07					
0' - 3000'	7 7/8"	5 1/2"	17 ppf	P110	LTC

Tubing Program: 0 - 2600', 2 3/8", 4.7 ppf, J55, EUE

BOPE and Wellhead Specifications and Testing:

For clean-out operations from surface to TD: 7 1/16", 3000 psi double gate BOP system. 3000 psi choke manifold (see figures 1 and 2). Pressure test 5 1/2" casing to 3000 psi prior to frac'ing.

General Operation:

- Actuate pipe rams once each day during clean-out operations. Actuate blind rams once each trip.
- An upper Kelly cock valve, with handle, will be available on the rig floor to fit each drilling string.
- BOP pit level drill will be conducted weekly for each drilling crew.
- All BOP tests and drills will be recorded in the daily drilling report.
- Blind and pipe rams will be equipped with extension hand wheels.

Cementing Program:

8 5/8" Surface Casing String: already installed and cemented.

5 1/2" Production Casing String: already installed and cemented.

Special Clean-out Operations:

None anticipated

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Additional Information:

- This well is designed to be completed in the Shinarump sandstone, based on cased-hole logs.
- A fresh water pressure gradient (.433 psi/ft) is anticipated. Adequate weighting material will be kept on location to maintain mud weight.
- LCM will be added to the mud system as required to maintain circulation.
- Estimated formation pressures:
 - Shinarump 1145 psi
 -

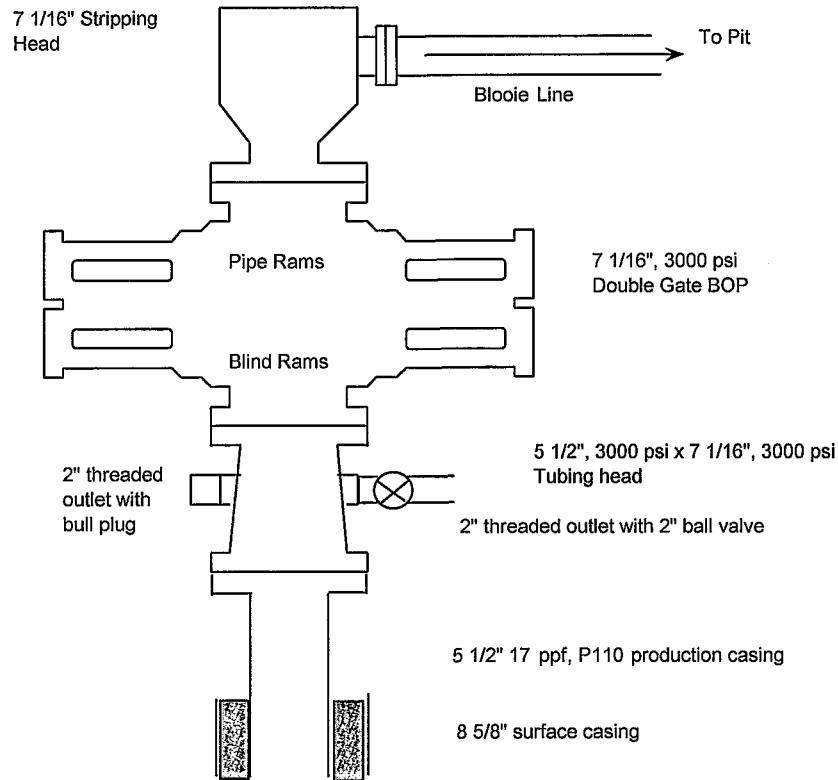
Completion Information:

The completion procedure will be prepared after cased hole logs are analyzed. The well will probably be completed by frac treatment.

Prepared by: Robert R. Griffie
Operations Manager
Date: 1/29/08

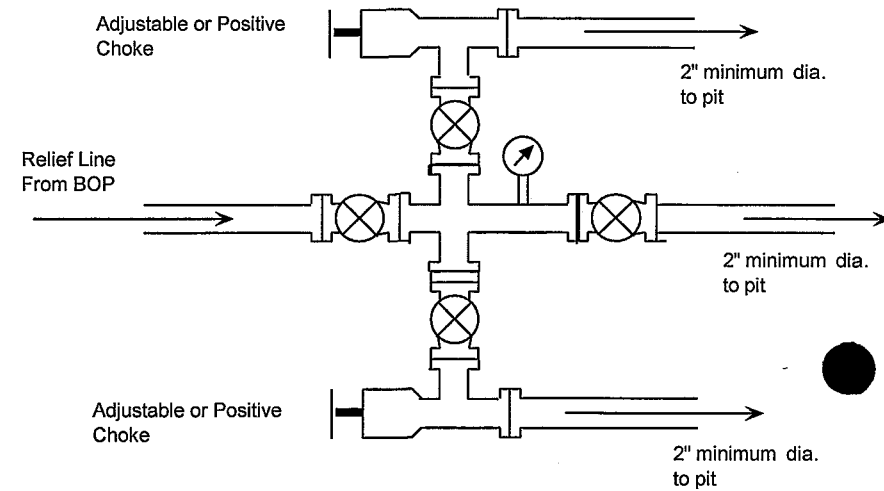
Figure 1

7 1/16", 3000 psi Completion Rig BOP System



BOP Installation for Completion operations. 7 1/16", 3000 psi double gate BOP equipped with blind and pipe rams. All equipment rated at 3000 psi or greater working pressure.

Figure 2



Choke manifold for BOP system shown in Figure 5. All equipment to be rated at 3000 psi or greater.

PROPRIETARY-CONFIDENTIAL

Montezuma 41-17-74

Shinarump Re-entry Procedure

Prepared by: R. Griffie 1/28/08

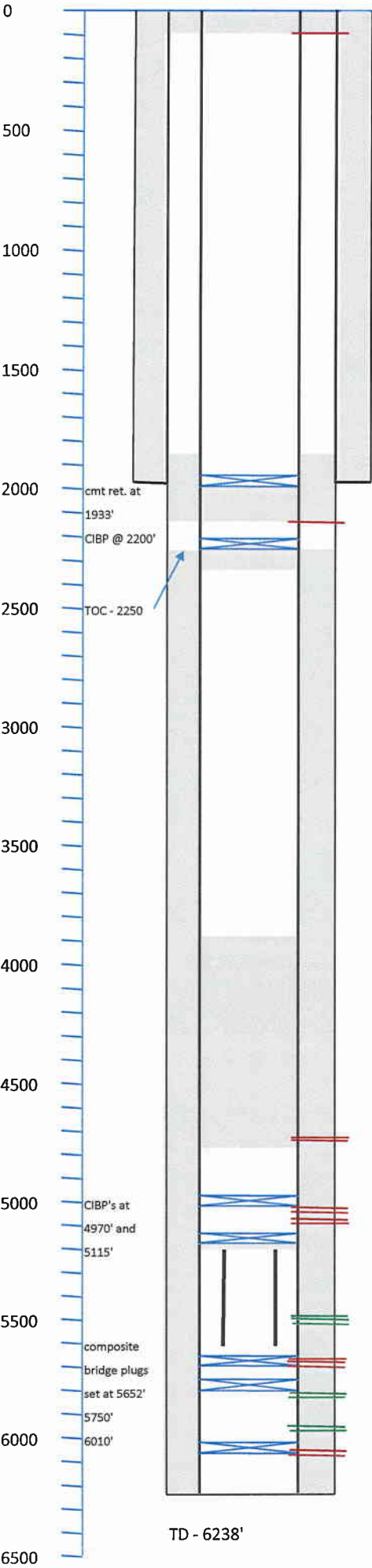
See attached well bore diagram

Work string is to be 2 7/8" N80 tubing.

1. Prepare location. Re-set rig anchors if necessary. Dig out cellar around dry hole cap. Remove welded cap.
2. Weld on 9 5/8" 3000 psi SOW casing head.
3. MIRU pulling unit.
4. NU BOPE.
5. PU 7 7/8" mill tooth bit and 3 1/8" drill collars.
6. Drill out surface cement plug from 0 to 100'
7. RIH to cement retainer at 1933'. Drill out retainer.
8. Drill out cement plug #3 from cement retainer to 2200'.
9. Clean out to CIBP at 2200'.
10. Pressure test casing and squeeze holes to 500 psi.
11. Drill out CIBP at 2000' and cement plug #3 to 2339'
12. Clean out to 3000'. Circulate hole clean. TOH
13. Round trip casing scraper to 3000'.
14. Set CIBP at 2800' with wire-line.
15. PU packer. TIH to 2500', set packer.
16. Pressure test CIBP to 3000 psi.
17. Release packer.
18. RIH to 2700', load casing with 3% KCL water.
19. TOH.
20. Run Blue Jet GSL cased hole neutron log from 2700' to surface.
21. TIH open ended to 2657'.
22. Spot 250 gals 7 1/2% HCL. POOH slowly to keep from dragging acid up hole across squeeze holes at 2200'.
23. TOH.
24. Perforate Shinarump SS 2657' – 2610' with 2 jspf. Perforations may vary slightly after reviewing GSL from step 19.
25. Allow acid to soak on perforation interval overnight.
26. TIH with packer. Set packer at 2560'.
27. Breakdown with 3% KCL water. Frac down 2 7/8" tubing with 60,000 lbs of 20/40 sand in 70 N2 slick water foam. Maximum rate – 25 bpm. Maximum sand concentration – 2.5 ppg.
28. Flow back well on 1/8" choke and test.

Elevations: 7323' KB, 7309' GL

PROPRIETARY-CONFIDENTIAL



2squeeze holes at 100'
Plug #4 - 50 sks 'G'

EXISTING WELLBORE DIAGRAM

Montezuma 41-17-74
630' FNL x 940' FEL
Section 17, T37S, R24E
San Juan County, Utah
API # 43-037-31765

prepared by: R. Griffie 1/28/08

8 5/8", 24 ppg, J55, STC surface casing set at 1983'
Cemented to surface with 600 sks 65/35 poz followed
with 200 sks 'G' neat

2squeeze holes at 2130'
Plug #3, 90 sks 'G'

Plug #2, 2339' - 2239' - 25 sks 'G'

Plug #1, 4770' - 3891' - 100 sks class 'G'

Honaker Trail perfs: 4736' - 4728', 4 jspf
Frac'd w/ 40165 lbs 20/40 in 70Q foam

Honaker Trail perforations: 5096' - 5080', 5043' - 5036', 4 jspf
Frac'd w/ 127000 lbs 20/40 in 70Q foam
24 sks cement on top of fish
Down-hole fire 5152 - 5252, burnt off fish
5172 - 5652

LaSal/Tank LS perfs: 5528 - 5518, 5508 - 5491, 4 jspf
Acidized w/ 10080 gals 20% HCL

Hatch SS perfs: 5674 - 5664, 5730 - 5712, 4 jspf
Frac'd w/ 112900 lbs 20/40 in 70Q foam

Ismay/Hatch perfs: 5790 - 5774, 5765 - 5760, 4 jspf
Acidized w/ 5000 gals 20% HCL, re-acidized w/ 5000 gals 20% HCL
D/C Gothic perfs: 6076 - 6044, 4 jspf
Frac'd w/ 16k lbs 40/70 and 70k 20/40 in
70Q slick water foam

Shinarump SS 2596'

Moenkopi 2935'

Cutler

Top of Pennsylvanian 4200'
Honaker Trail

LaSal 5462'

Hatch 5674'

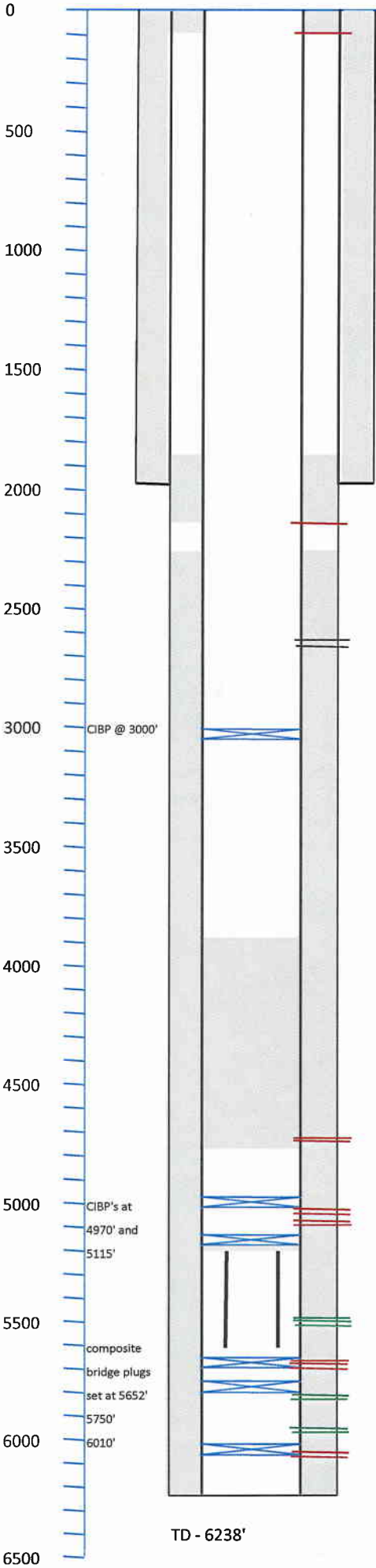
Ismay 5860'

Desert Creek 6064'

Chimney Rock Shale 6166'

TD - 6238'

Elevations: 7323' KB, 7309' GL



2squeeze holes at 100'
Plug #4 - 50 sks 'G'

PROPOSED WELL BORE DIAGRAM

Montezuma 41-17-74
630' FNL x 940' FEL
Section 17, T37S, R24E
San Juan County, Utah
API # 43-037-31765

prepared by: R. Griffiee 1/28/08

8 5/8", 24 ppg, J55, STC surface casing set at 1983'
Cemented to surface with 600 sks 65/35 poz followed
with 200 sks 'G' neat

2squeeze holes at 2130'
Plug #3, 90 sks 'G'

Plug #2, 2339' - 2239' - 25 sks 'G'

Proposed Shinarump Perforations

Shinarump SS	2596'
Moenkopi	2935'
Cutler	

Plug #1, 4770' - 3891' - 100 sks class 'G'

Top of Pennsylvanian	4200'
Honaker Trail	

Honaker Trail perfs: 4736' - 4728', 4 jsf
Frac'd w/ 40165 lbs 20/40 in 70Q foam

Honaker Trail perforations: 5096' - 5080', 5043' - 5036', 4 jsf
Frac'd w/ 127000 lbs 20/40 in 70Q foam
24 sks cement on top of fish
Down-hole fire 5152 - 5252, burnt off fish
5172 - 5652

LaSal/Tank LS perfs: 5528 - 5518, 5508 - 5491, 4 jsf
Acidized w/ 10080 gals 20% HCL
Hatch SS perfs: 5674 - 5664, 5730 - 5712, 4 jsf
Frac'd w/ 112900 lbs 20/40 in 7Q foam
Ismay/Hatch perfs: 5790 - 5774, 5765 - 5760, 4 jsf
Acidized w/ 5000 gals 20% HCL, re-acidized w/ 5000 gals 20% HCL
D/C Gothic perfs: 6076 - 6044, 4 jsf
Frac'd w/ 16k lbs 40/70 and 70k 20/40 in
70Q slick water foam

LaSal	5462'
Hatch	5674'
Ismay	5860'
Desert Creek	6064'
Chimney Rock Shale	6166'

CROWNQUEST

CrownQuest Operating, LLC

Utah Division of Oil, Gas, & Mining
Attn: Dianna Mason
PO Box 145801
Salt Lake City, Utah 84114-5801

Dear Ms Mason,

I have sent back the signed copy of the APD. I believe now all of the information for the APD checklist has been included. The surface is managed by the BLM and we have an existing location that is being used. The BLM's contact information is 435-2589-2100 82 East Dogwood Moab, Utah 84532. Please contact me if anything else was omitted. Thank you.

Sincerely,



Luke Dunn
Engineer
Office 505-325-5750
Cell 432-638-4731

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/04/2008

API NO. ASSIGNED: 43-037-31765

WELL NAME: MONTEZUMA 41-17-74 (Pe-en-trs)
OPERATOR: CROWNQUEST OPERATING, (N2685)
CONTACT: ROBERT GRIFFEE

PHONE NUMBER: 505-325-5750

PROPOSED LOCATION:

NENE 17 370S 240E
SURFACE: 0619 FNL 0931 FEL
BOTTOM: 0619 FNL 0931 FEL
COUNTY: SAN JUAN
LATITUDE: 37.57584 LONGITUDE: -109.2981
UTM SURF EASTINGS: 650287 NORTHINGS: 4159912
FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU-84683
SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: PERMN
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat
✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. RLB 0007554)
N Potash (Y/N)
N Oil Shale 190-5 (B) or 190-3 or 190-13
✓ Water Permit
(No. Municipal)
N RDCC Review (Y/N)
(Date:)
NM Fee Surf Agreement (Y/N)
NM Intent to Commingle (Y/N)

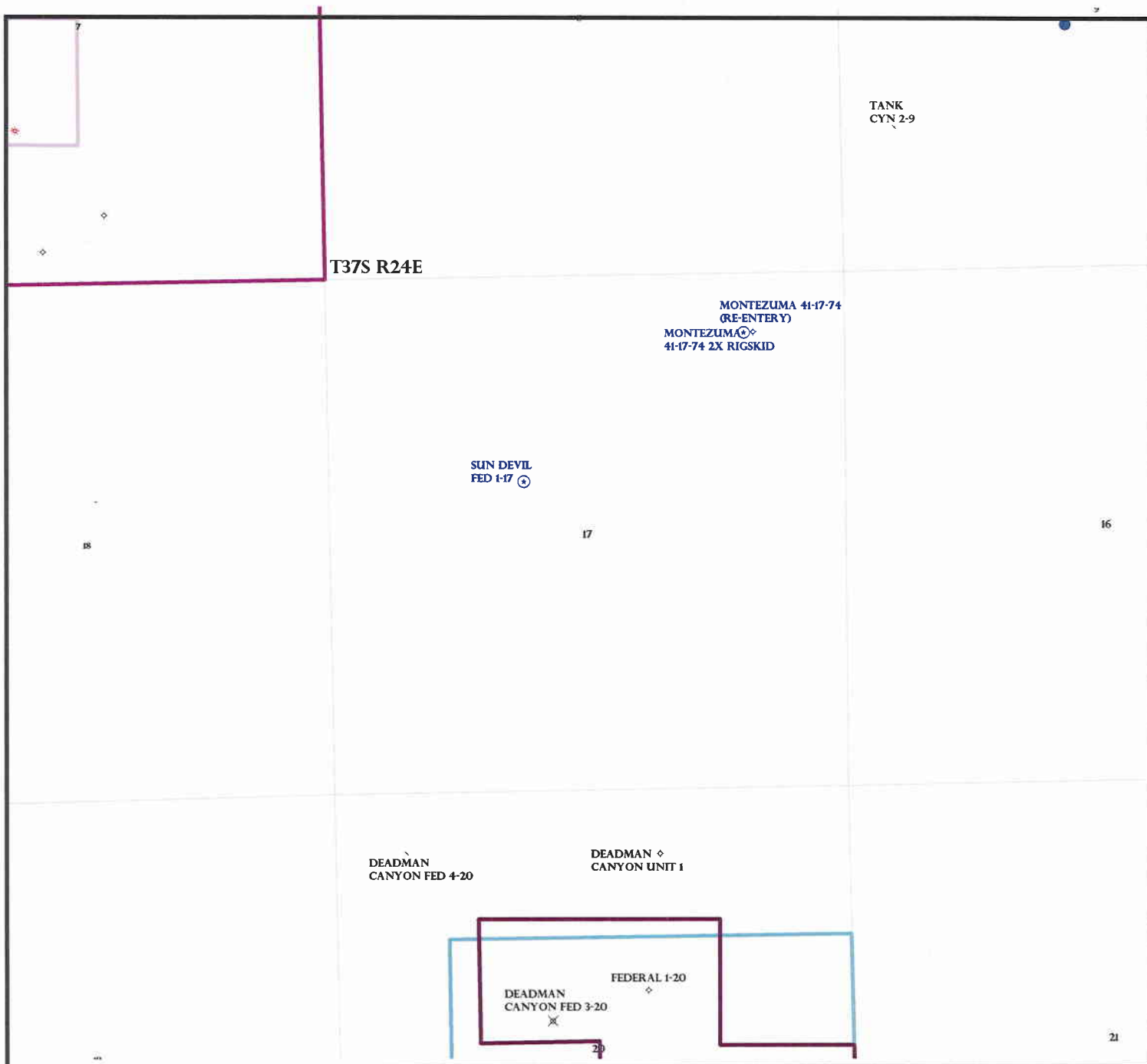
LOCATION AND SITING:

___ R649-2-3.
Unit: _____
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
✓ R649-3-3. Exception
___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
___ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____

1. Feder Agreement
2. Spacing Strip



OPERATOR: CROWNQUEST OPER LLC (N2685)

SEC: 17 T.37S R. 24E

FIELD: WILDCAT (001)

COUNTY: SAN JUAN

SPACING: R649-3-3 / EXCEPTION LOCATION

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- / GAS INJECTION
- * GAS STORAGE
- x LOCATION ABANDONED
- x NEW LOCATION
- o PLUGGED & ABANDONED
- o PRODUCING GAS
- o PRODUCING OIL
- o SHUT-IN GAS
- o SHUT-IN OIL
- x TEMP. ABANDONED
- o TEST WELL
- o WATER INJECTION
- o WATER SUPPLY
- o WATER DISPOSAL
- o DRILLING



PREPARED BY: DIANA MASON
DATE: 05-MARCH-2008



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

March 5, 2008

Crownquest Operation, LLC
P O Box 2221
Farmington, NM 87499

Re: Montezuma 41-17-74 Well, 619' FNL, 931' FEL, NE NE, Sec. 17, T. 37 South,
R. 24 East, San Juan County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to re-enter the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-31765.

Sincerely,

(for) Gil Hunt
Associate Director

pab
Enclosures

cc: San Juan County Assessor
Bureau of Land Management, Moab Office

Operator: Crownquest Operation, LLC
Well Name & Number Montezuma 41-17-74
API Number: 43-037-31765
Lease: UTU 84683

Location: NE NE Sec. 17 T. 37 South R. 24 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

PROPRIETARY-CONFIDENTIAL

Montezuma 41-17-74
Shinarump Re-entry

RECEIVED
HOBAS FIELD OFFICE
2008 FEB -8 AM 9:22

CrownQuest Operating LLC originally re-entered this well bore in February of 2007 and completed the Pennsylvanian with operations ending in July of 2007. The well bore was lost below 5115' due to a down-hole fire.

The Montezuma 41-17-74 2X has been drilled to replace the original well bore and is currently being completed in the Pennsylvanian zones. New open hole logs were run on the 2X, from TD to the base of the surface casing. Log analysis shows that the Shinarump sandstone may be productive from 2610' to 2652'.

CrownQuest requests to re-enter the original well bore and test the Shinarump sandstone. The Shinarump (Triassic age) is a completely different potential producing zone than the Pennsylvanian that is being completed in the 2X.

The location is already permitted and in use by operations on the 2X. No new surface disturbance will be required.

R. Griffiee
1/29/08

RECEIVED
APR 09 2008
DIV. OF OIL, GAS & MINING

PROPRIETARY-CONFIDENTIAL

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MOAB FIELD OFFICE

2008 FEB -8 AM 9:22

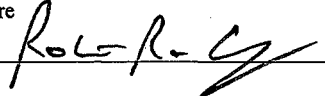
FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

Ia. Type of Work: <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> REENTER			5. Lease Serial No. UTU 84683	
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name n/a	
2. Name of Operator CrownQuest Operating			7. If Unit or CA Agreement, Name and No.	
3a. Address 303 Wall, Suite 1400, Midland TX 79702			8. Lease Name and Well No. Montezuma 41-17-74	
3b. Phone No. (include area code) (432) 685-3116			9. API Well No. 43 037 31765	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 630' FNL x 940' FEL At proposed prod. zone same			10. Field and Pool, or Exploratory Pennsylvanian	
14. Distance in miles and direction from nearest town or post office* 10 miles east by southeast from Blanding, Utah			11. Sec., T., R., M., or 131k. and Survey or Area Section 17, T37S, R24E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 630'	16. No. of Acres in lease 2234	17. Spacing Unit dedicated to this well 160		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. None	19. Proposed Depth 3000'	20. BLJIA/BIA Bond No. on file RLB 0007554		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5720' GL	22. Approximate date work will start* 3/15/08	23. Estimated duration 60 days		
24. Attachments drilling plan, surface use plan				

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Robert R. Griffie	Date 1/30/08
Title Operations Manager, agent for CrownQuest		
Approved by (Signature) /s/ A. Lynn Jackson	Name (Printed/Typed) A. Lynn Jackson	Date
Title Assistant Field Manager, Division of Resources	Office Division of Resources Moab Field Office	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

APR 09 2008

DIV. OF OIL, GAS & MINING



UTAH WELL LOCATION PLAT

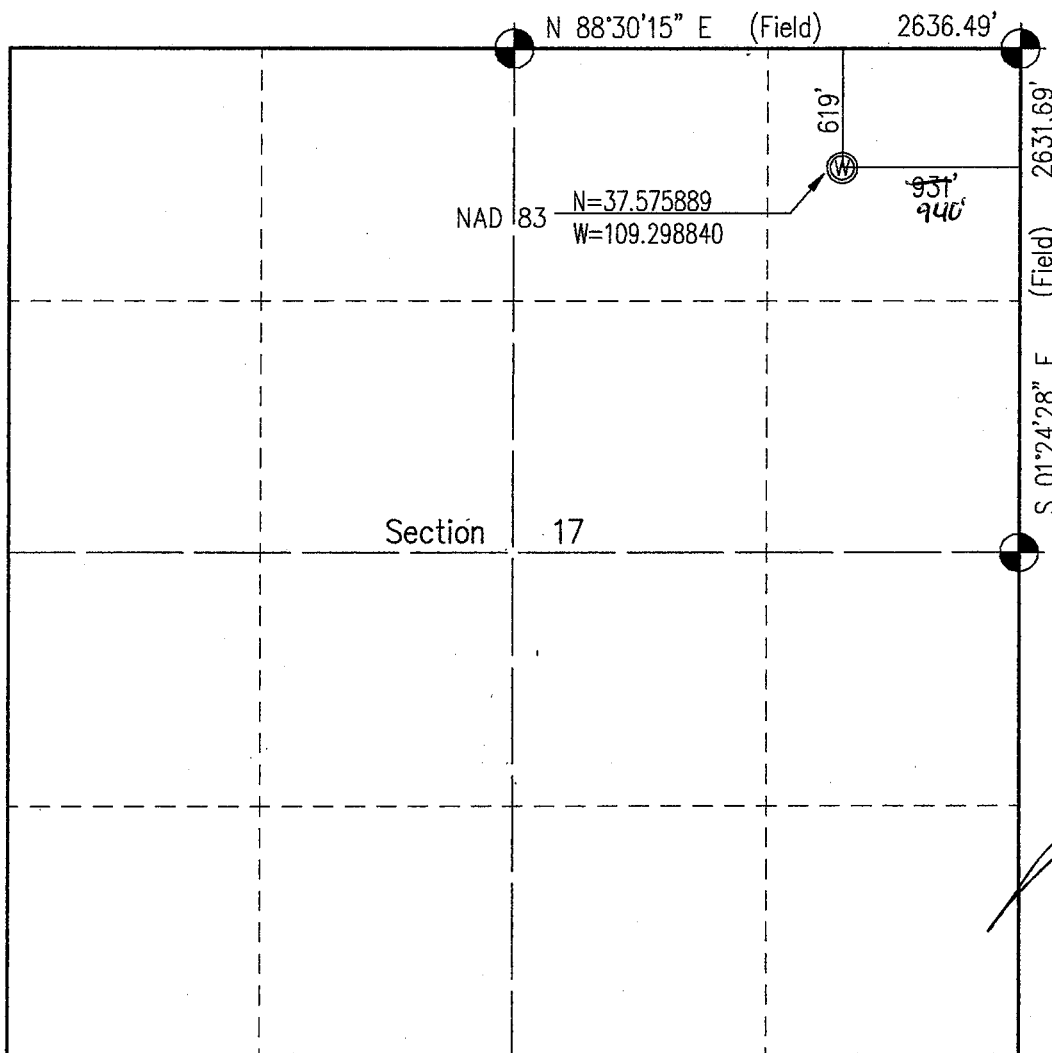
OPERATOR Crown Quest Operating
 LEASE Montezuma WELL NO. 41-17-74
 SECTION 17 TOWNSHIP 37 South RANGE 24 East 6th, P.M.
 COUNTY San Juan UTAH
 FOOTAGE LOCATION OF WELL: 619 FEET FROM THE North LINE and
931 940 FEET FROM THE East LINE and
 GROUND LEVEL ELEVATION: 5674.50'
 SURFACE USE WITHIN 200' RADIUS: No Improvements Within 200' - Pasture
 BASIS OF BEARING: GPS Data - NAD 83
 BASIS OF ELEVATION: GPS Data - Diff. corrections Omnistar



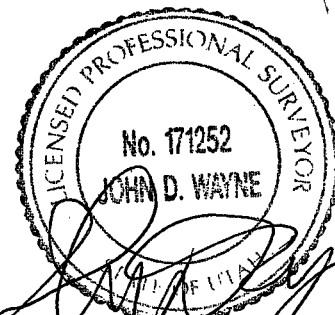
500' 500'
 1" = 1000'

Some information on this plat is based on information taken from previous surveys, record information, or collateral evidence and may not reflect that which may be disclosed by a complete boundary survey. This plat is not to be relied on for the establishment of surface boundaries, fences, buildings, or other future improvements.

-  GLO BC
-  WELL Location



I hereby certify that the proposed well location shown on this plat was prepared from field notes of an actual survey by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief, and that there are no visible improvements within 200 feet of this proposed wellhead, unless noted otherwise.



John D. Wayne
 Professional L.S. #171252
 State of Utah

JUNE 24, 2006

Date Surveyed:

JUNE 26, 2006

Date Platted:

SCALE: 1" = 1000'

CrownQuest Operating LLC
Montezuma 41-17-74 (Re-entry)
Lease UTU-84683
NE/NE Section 17, T37S, R24E
San Juan County, Utah

A COMPLETE COPY OF THIS APPROVED PERMIT AND CONDITIONS OF APPROVAL shall be maintained on location during all construction and drilling operations, and shall be available to contractors to ensure compliance.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that CrownQuest Operating, LLC is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by **UTB000218** (Principal - CrownQuest Operating, LLC) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of two years from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. Failure to comply with the provisions of this permit, including applicable regulations, stipulations, and/or approval conditions, will be considered a violation subject to the enforcement provisions of 43 CFR Subpart 3163.

A. DRILLING PROGRAM

1. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGM) is required.
2. Well control equipment meeting 2M standards is acceptable for anticipated conditions. Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.
3. All well bore work associated with this approval shall be in geologic units above the top of the Honaker Trail Formation (as is proposed). This approved permit is on the same well pad as the Montezuma 41-17-74-2X. The two wells cannot be completed in the same geologic units.

B. SURFACE

No additional surface disturbance is authorized with this approval.

C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Contact the BLM Natural Resource Protection Specialist at least 48-hours prior to commencing construction of location.

Spud- The spud date will be reported to BLM 24-hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the Moab Field Office within 24-hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the Moab Field Office on a weekly basis.

Oil and Gas Operations Reports (OGORs)- Production from this well shall be reported to Minerals Management Service (MMS) on a monthly basis.

Sundry Notices- There will be no deviation from the proposed drilling and/or workover program without prior approval. "Sundry Notices and Reports on Wells" (Form 3160-5) will be filed, with the Moab Field Office, for approval of all changes of plans and subsequent operations in accordance with 43 CFR 3162.3-2. Safe drilling and operating practices must be observed.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Monticello Field Office is to be notified.

First Production- Should the well be successfully completed for production, the Moab Field Office will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five business days following the date on which the well is placed into production.

A first production conference will be scheduled through the Monticello Field Office as soon as the productivity of the well is apparent.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion or Recompletion Report and Log" (Form 3160-4) will be submitted to the Moab Field Office not later than thirty-days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

Venting/Flaring of Gas- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered shut-in until the gas can be captured or approval to continue the venting/flaring as uneconomic is granted. In such case, compensation to the lessor shall be required for that portion of the gas that is vented/flared without approval and which is determined to have been avoidably lost.

Produced Water- Produced waste water may be confined to an unlined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No. 7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will be approved when the Monticello Field Office determines that surface reclamation work has successfully restored desirable vegetation.

TABLE 1 NOTIFICATIONS

Notify Jeff Brown (435-587-1525) of the BLM, Monticello Field Office for the following:

2 days prior to commencement of dirt work, construction and reclamation;

1 day prior to spud;

3 hours prior to testing BOP

If the person at the above number cannot be reached, notify the Moab Field Office at 435-259-2100. If unsuccessful, contact the person listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab Field Office at 435-259-2100. If approval is needed after work hours, you may contact:

Eric Jones, Petroleum Engineer	Office: (435) 259-2117
	Home: (435) 259-2214

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: CROWNQUEST OPERATING, LLC

Well Name: MONTEZUMA 41-17-74

Api No: 43-037-31765 Lease Type: FEDERAL

Section 17 Township 37S Range 24E County SAN JUAN

Drilling Contractor HURRICANE RIG # 12

SPUDDED:

Date 06/25/08

Time _____

How ROTARY

Drilling will Commence: _____

Reported by CRAIG WARD

Telephone # (505) 793-3099 OR (505) 360-1657

Date 07/08//08 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

PROPRIETARY-CONFIDENTIAL
FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

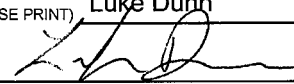
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 84683
2. NAME OF OPERATOR: CrownQuest Operating, LLC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P. O. Box 2221 CITY Farmington STATE NM ZIP 87499	7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (505) 325-5750	8. WELL NAME and NUMBER: Montezuma 41-17-74
10. FIELD AND POOL, OR WILDCAT: Wildcat	9. API NUMBER: 4303731765

4. LOCATION OF WELL FOOTAGES AT SURFACE: 619' FNL x 940' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 17 37S 24E 4E	COUNTY: San Juan STATE: UTAH
--	---------------------------------

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/15/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Re-Entry Reports
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CrownQuest Operating, LLC is performing re-entry operations on the above-referenced well. A summary report of these operations from 6/24/08 through 7/15/08 is attached.

NAME (PLEASE PRINT) Luke Dunn	TITLE Engineering
SIGNATURE 	DATE 7/16/2008

(This space for State use only)

RECEIVED
JUL 21 2008
DIV. OF OIL, GAS & MINING

PROPRIETARY-CONFIDENTIAL

Crown Quest Operating, LLC Daily Operations Report Montezuma #41-17-74 (Re-Entry)

6/24/08

Stub up 8 5/8" 24# csg and 5 1/2" 15.5# csg, back fill around csg, weld on csg head and install slips and packoff, secure loc., SDFN.

6/25/08

Finish backfill around wellhead. MIRU. Secure loc., SDFN.

6/26/08

PJSM, SICP=0, NU BOPE Test blind rams 1500 psi 15 min, no press loss. RU cables for stiff arms on power swivel. PU 4-3/4" junk mill and 3-1/2" drill collar, tag cmt 18' in, drill cmt, fell out of cmt 127'. PU remaining 2 drill collars and circ down. RD power swivel, tally 2-7/8" 6.5# J-55 eue yellow-band tbq. PU and rabbit on TIH, mill @ 382', secure well, SDFN

6/27/08

PJSM, SITP=0, SICP=0. PU 2-7/8" tbq & continue TIH. Tag cmt @ 1848', RU power swivel, drill cmt to 1925', drilling on CR, circ clean. PU to 1900', secure well, SDFW.

6/30/08

PJSM. Drill on cmt ret @ 1925', by 14:00 CR not drilled up. TOO H and check mill, had trash stuck in top of mill, cut right almost gone. TIH w/ spare mill. POOH w/ mill, secure well, SDON

07/01/2008

Tbg & csg press 0#. Finish POOH w/mill. Make up 4-3/4" bit to drill out cmt ret @ 1925'. Tagged retainer @ 10 AM. Rig up power swivel. Drill time per jt 2 hrs plus. Drilled to 2048'. Circulate hole clean. Pull up hole to 2018'. Secure well. SDON.

07/02/2008

Csg & tbq press 0#. Start drilling cmt @ 2048'. Repair power swivel. Start drilling hard 600#. Torque w//6000 wt on drill bit; slow drilling, drilled through cmt @ 2138'. PU 2 more jts 2-7/8", tagged CIBP @ 2202'. Repair leaks in rig pump. Test csg 500#, held 15 min. OK, drilled 6" on CIBP. Plug went down hole 15'. Continue drilling, circulate all of rubber back. CIBP turning below bit, slow drilling getting metal and cmt back to pit. Drilled to 2246', circ and clean up wellbore. Secure well. SDON.

07/03/2008

Repair hydro hose. Start drilling @ 08:30. Drill 17' in 3 hrs. Bit torquing up, unable to make any hole. Circ & clean up wellbore. POOH w/bit. Bit had large piece of iron wedged between cones, shoulders of bit were beat up bad. Make up new bit. TIH. Tagged cmt, drilled rough, torquing up--drill 7' 1 hour 45 min. Bit torquing up like there was junk along side of bit. POOH to look at bit. Bit had more iron in it. Shoulders of bit all beat up where junk was between bit and casing. Drilled to 2266'. Secure well. SDOWE.

Crown Quest Operating, LLC
Page 2
Montezuma #41-17-74 (Re-Entry)

7/7/08

PJSM, SITP=0, SICP=0. TIH w/ 4-½" OD magnet, est rev circ. Circ down until tag @ 2263', PU off bottom 6" & circ 5 min, magnet plugged up. SD pump & TOO H w/ magnet. Recovered 2 chunks iron ¼" to ½" in size and several small pieces w/cmt causing magnet to plug. Make 1 more run w/ magnet, recovered 1 chunk of iron 1" in size and several small pieces. TIH w/ 4-¾" bit. RU power swivel, est rev circ & start drilling @ 2263', returns cmt and small pieces of iron. Drilled 12' of cmt to 2275' 2.5 hrs. Circ. clean, PU to 2244'. Secure well, SDFN.

7/08/08

PJSM, SITP=0, SICP=0, drill 62' hard cmt, fell out of cmt @ 2337'. Circ clean, RD power swivel. PU singles and TIH to 3033'. Circ hole clean w/ 3% kcl water and clean out rig pit. TOO H and stand back 2-7/8" tbg. LD drill collars, MU 5-½" csg scraper and stand in derrick. Secure well, SDFN.

7/09/09

PJSM, SITP=0, SICP=0, TIH to 2900' w/ 5-½" csg scraper. TOO H & RU Blue Jet. RIH and set 5-½" CIBP @ 2800'. POOH, run neutron log f/ 2700' to surface. RD Blue Jet, TIH w/ packer to 2500', set packer, test CIBP to 3000', good test. Bleed off press, rel packer. TIH to 2657', spot 250 gal. 7.5% Hcl across Shinarump formation. TOO H. RU Blue Jet, perforate Shinarump from 2657' - 2610' w/ 3-1/8" Hsc guns, .38 dia holes, 2 spf, total of 94 holes. RD Blue Jet. TIH w/ Weatherford 5-½" packer and 80 jts, set packer @ 2442'. Secure well, SDFN.

7/10/08

SITP=0, SICP=0. Attempt to breakdown Shinarump formation w/ rig pump, press to 1500 psi, and surge off press. Unable to break down formation. Secure well & SDFN

7/11/08

SITP=0, SICP=0, Superior on loc. RU, breakdown formation w/ 3% kcl water, 7 bpm @ 2610#, max rate 19 bpm @ 3750#, ISIP=1857#. Frac Shinarump formation w/ 65 quality slickwater / foam as follows: bullhead 12 bbls 15% Hcl, when acid on formation SD and let set 15 min., 90 bbl pad, 221 bbls w/ 35,000# 20/40 brady @ .5 ppg, 1 ppg, 1.5 ppg, 2 ppg, 2.5 ppg, tail in with 49.4 bbls and 10,000# 20/40 SLC, flush to top perf, (total N2 pumped 551908 scf). ATP=3019#, MTP=3768#, AIR=16.7 bpm, MIR=20.5 bpm, ISIP=2412#, 5 min=2200#, 10 min=2183#, 15 min=2188#. RU & flow well to flowback tank on 1/8" choke. Open well up w/ 2100 psi & flow back on a 16/64 choke.

7/12/08

Flow back well from 1050 psi to 150 psi.

7/13/08

Flow back well from 140 psi up to 503 psi and down to 58 psi.

7/14/08

Well flowing to flow back tank on 1/8" choke @ 40 psi, continue flowing well.

Crown Quest Operating, LLC

Page 3

Montezuma #41-17-74 (Re-Entry)

7/15/08

PJSM, well not flowing. Rel packer and TOOH. LD 2-7/8" tubing, wait on 2-3/8" tubing, spot in tubing, tally 2-3/8" tubing. PU and rabbit on, TIH, land 2-3/8" 4.7# J-55 eue tbg as follows top down w/ KB corr: 79 jts, 1.78'' SN @ 2575.48, 1 jt, notched collar @ 2609.78'. RD floor, ND BOPE, NU tree, RU to swab, secure well, SDFN.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 84683
2. NAME OF OPERATOR: CrownQuest Operating, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: PO Box 2221 CITY Farmington STATE NM ZIP 87499		7. UNIT or CA AGREEMENT NAME: n/a
PHONE NUMBER: (505) 325-5750		8. WELL NAME and NUMBER: Montezuma 41-17-74
4. LOCATION OF WELL FOOTAGES AT SURFACE: 619'FNL x 940' FEL		9. API NUMBER: 4303731765
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 17 37S 24E		10. FIELD AND POOL, OR WILDCAT: Wild Cat

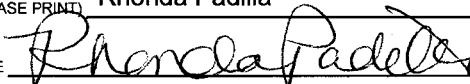
COUNTY: San Juan County

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/11/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operations Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CrownQuest Operating has performed the following operations attached.

NAME (PLEASE PRINT) Rhonda Padilla	TITLE Production/ Regulatory Analyst
SIGNATURE 	DATE 8/11/2008

(This space for State use only)

RECEIVED
AUG 18 2008

Montezuma 41-17-74
San Juan County, UT
API# 4303731765
CrownQuest Operating, LLC

PROPRIETARY-CONFIDENTIAL

Jul 29, 2008
Swabbing.

Jul 30, 2008
Swabbing.

Jul 31, 2008
Swabbing.

Aug 1, 2008
Swabbing.

Aug 4, 2008
Swabbing.

Aug 5, 2008
Swabbing.

Aug 6, 2008
Swabbing.

Aug 7, 2008
Swabbing.

Aug 8, 2008
Shut in for pressure build up.

RECEIVED

AUG 18 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-84683
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: CROWNQUEST OPERATING, LLC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 303 Veterans Airpark Ln Ste 5100 , Midland, TX, 79705		8. WELL NAME and NUMBER: MONTEZUMA 41-17-74
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0619 FNL 0931 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 17 Township: 37.0S Range: 24.0E Meridian: S		9. API NUMBER: 43037317650000
PHONE NUMBER: 432 818-0300 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: SAN JUAN		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/1/2011	OTHER: <input style="width: 100px;" type="text"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. CrownQuest Operating, LLC is reporting no activity for operations on the above referenced well.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Rhonda Padilla	PHONE NUMBER 432 818-0300	TITLE Analyst
SIGNATURE N/A	DATE 7/8/2011	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-84683
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: CROWNQUEST OPERATING, LLC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 303 Veterans Airpark Ln Ste 5100 , Midland, TX, 79705		8. WELL NAME and NUMBER: MONTEZUMA 41-17-74
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0619 FNL 0931 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 17 Township: 37.0S Range: 24.0E Meridian: S		9. API NUMBER: 43037317650000
9. FIELD and POOL or WILDCAT: WILDCAT		COUNTY: SAN JUAN
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/6/2011	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. CrownQuest Operating, LLC is reporting no activity for operations on the abover referenced well, for the months of July, August, September, and October 2011.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Rhonda Padilla	PHONE NUMBER 432 818-0300	TITLE Analyst
SIGNATURE N/A	DATE 10/6/2011	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-84683
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: CROWNQUEST OPERATING, LLC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 303 Veterans Airpark Ln Ste 5100 , Midland, TX, 79705		8. WELL NAME and NUMBER: MONTEZUMA 41-17-74
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0619 FNL 0931 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 17 Township: 37.0S Range: 24.0E Meridian: S		9. API NUMBER: 43037317650000
PHONE NUMBER: 432 818-0300 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: SAN JUAN		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/21/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. CrownQuest Operating, LLC is reporting no activity for operations on the above referenced well, for the month of November 2011.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Rhonda Padilla	PHONE NUMBER 432 818-0300	TITLE Analyst
SIGNATURE N/A	DATE 11/21/2011	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-84683
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: MONTEZUMA 41-17-74	
2. NAME OF OPERATOR: CROWNQUEST OPERATING, LLC		9. API NUMBER: 43037317650000
3. ADDRESS OF OPERATOR: 303 Veterans Airpark Ln Ste 5100 , Midland, TX, 79705	PHONE NUMBER: 432 818-0300 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0619 FNL 0931 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 17 Township: 37.0S Range: 24.0E Meridian: S		COUNTY: SAN JUAN
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/25/2012			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CrownQuest Operating, LLC is reporting no activity for operations on the above referenced well, for all months since the last submitted sundry.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 May 02, 2012

NAME (PLEASE PRINT) Rhonda Padilla	PHONE NUMBER 432 818-0300	TITLE Analyst
SIGNATURE N/A		DATE 4/25/2012

~~CONFIDENTIAL~~

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU 84683

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
N/A

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER _____

8. WELL NAME and NUMBER:
Montezuma 41-17-74

2. NAME OF OPERATOR:
Crownquest Operating, LLC.

9. API NUMBER:
4303731765

3. ADDRESS OF OPERATOR:
500 W Texas Ave. Ste. 500 CITY Midland STATE TX ZIP 79710

PHONE NUMBER:
(432) 818-0300

10. FIELD AND POOL, OR WILDCAT:
Pennsylvanian

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 630' FNL x 940' FEL

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: ESE 17 37S 24E

STATE:
UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>10/1/2014</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crownquest Operating, LLC. requests permission to P&A the Montezuma 41-17-74 well at the earliest convenience. A-Plus Well Service will perform the work outlined in the attached procedure immediately following approval from the Division of Oil, Gas and Mining.

COPY SENT TO OPERATOR

Date: 9-22-2014

Initials: KS

RECEIVED

SEP 05 2014

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Paul Cockerham

TITLE Production Engineer

SIGNATURE [Signature]

DATE 9/2/2014

(This space for State use only)

Approval of This
Action Is Necessary

INSTRUCTIONS

This form shall be submitted by the operator to show the intention and/or completion of the following:

- miscellaneous work projects and actions for which other specific report forms do not exist;
- all other work and events as identified in section 11, Type of Action, or as required by the Utah Oil and Gas Conservation General Rules, including:
 - minor deepening of an existing well bore,
 - plugging back a well,
 - recompleting to a different producing formation within an existing well bore (intent only),
 - reperforating the current producing formation,
 - drilling a sidetrack to repair a well,
 - reporting monthly the status of each drilling well.

This form is not to be used for proposals to

- drill new wells,
- reenter previously plugged and abandoned wells,
- significantly deepen existing wells below their current bottom-hole depth,
- drill horizontal laterals from an existing well bore,
- drill hydrocarbon exploratory holes such as core samples and stratigraphic tests.

Use Form 3, Application for Permit to Drill (APD) for such proposals.

NOTICE OF INTENT - A notice of intention to do work on a well or to change plans previously approved shall be submitted in duplicate and must be received and approved by the division before the work is commenced. The operator is responsible for receipt of the notice by the division in ample time for proper consideration and action. In cases of emergency, the operator may obtain verbal approval to commence work. Within five days after receiving verbal approval, the operator shall submit a Sundry Notice describing the work and acknowledging the verbal approval.

SUBSEQUENT REPORT - A subsequent report shall be submitted to the division within 30 days of the completion of the outlined work. Specific details of the work performed should be provided, including dates, well depths, placement of plugs, etc.

WELL ABANDONMENT - Proposals to abandon a well and subsequent reports of abandonment should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, and method of parting of any casing, liner, or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

In addition to any Sundry Notice forms submitted, **Form 8, Well Completion or Recompletion Report and Log** must be submitted to the division to report the results of the following operations:

- completing or plugging a new well,
- reentering a previously plugged and abandoned well,
- significantly deepening an existing well bore below the current bottom-hole depth,
- drilling horizontal laterals from an existing well bore,
- drilling hydrocarbon exploratory holes such as core samples and stratigraphic tests,
- recompleting to a different producing formation.

Send to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Montezuma 41-17-74
Plugging Procedure

See attached well bore diagram.

1. MIRU pulling unit.
2. ND well head, NU BOPE.
3. TIH open ended to 2,800' tag CIBP.

Plug #1 – Moenkopi

Spot 12 sxs class 'B' balanced plug, inside casing, 2,800' – 2700'
TOH.

Plug #2 – Shinarump

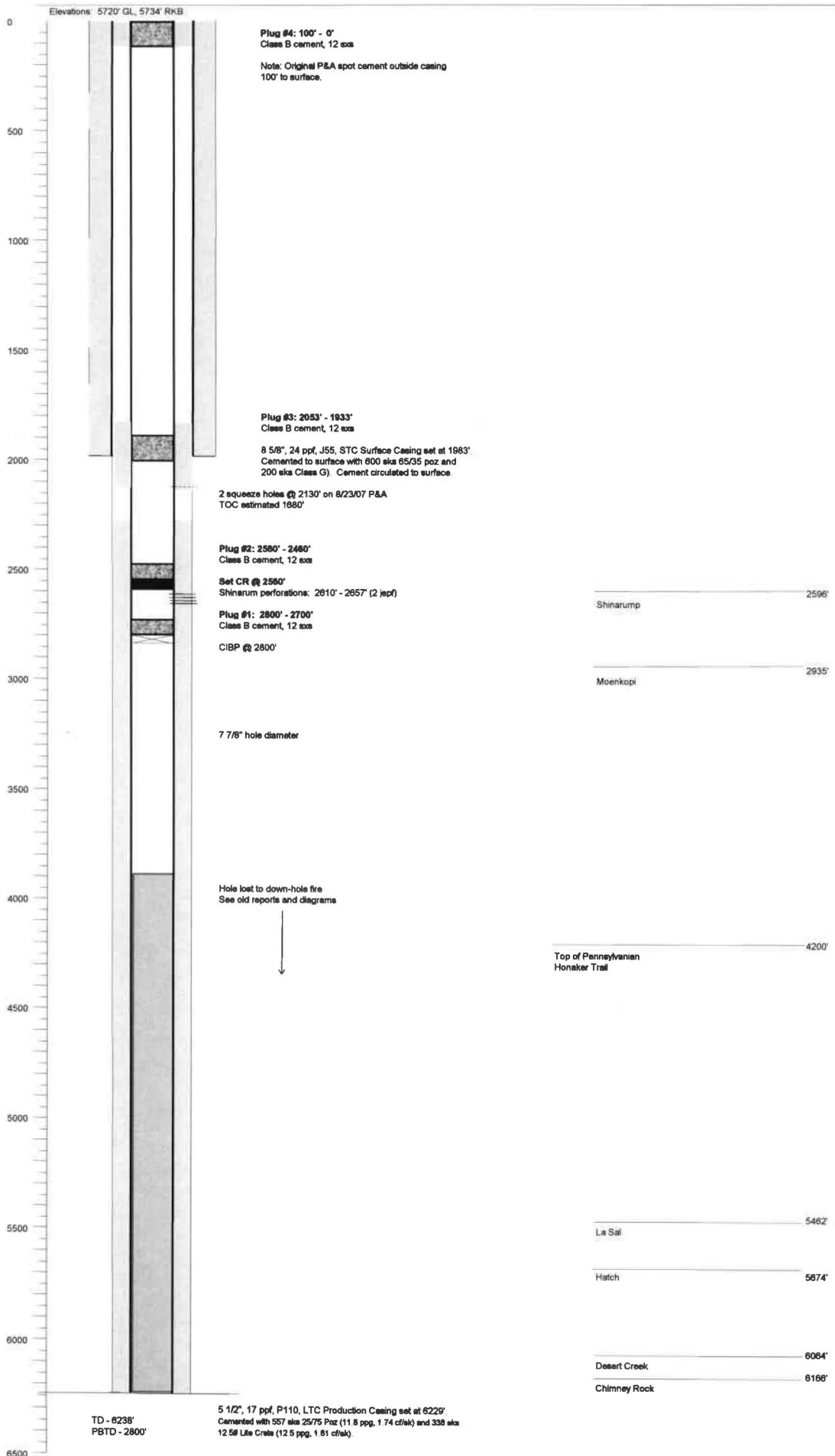
Run casing scraper or gauge ring to 2560'. RIH and set 4.5" CR at 2560'. Spot 12 sxs class 'B' balanced plug, inside casing to isolate Shinarump interval. PUH.

Plug #3 - Spot 12 sxs class 'B' balanced plug, inside casing to cover the 8-5/8" casing shoe. PUH.

Plug #4 – Spot 12 sxs inside casing from 100' to surface. TOH and LD tubing.

4. Cut off well head. Cut off casing 6' below ground level. Weld dry-hole plate on top of casing. Plate to contain the following information:
 - a. Well Name
 - b. Legal location
 - c. API #
 - d. Lease #

Revised 8/22/14



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU 84683

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
Montezuma 41-17-74

9. API NUMBER:
4303731765

10. FIELD AND POOL, OR WILDCAT
Wild Cat

11. QTR/QYR, SECTION, TOWNSHIP, RANGE,
MERIDIAN:
NENE 17 37S 24E

12. COUNTY
San Juan

13. STATE
UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER **P&A**

2. NAME OF OPERATOR:
CrownQuest Operating LLC

3. ADDRESS OF OPERATOR:
P.O. Box 2221 CITY Farmington STATE NM ZIP 87499

PHONE NUMBER:
(505) 325-5750

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **619' FNL x 940' FEL**
31

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

14. DATE SPUDDED:
12/8/2007

15. DATE T.O. REACHED:

16. DATE COMPLETED:
12/17/2007

ABANDONED ☒ READY TO PRODUCE ☐

17. ELEVATIONS (OF, RKB, RT, GL):
5720' GL

18. TOTAL DEPTH: MD **6235**
TVD **6235**

19. PLUG BACK T.D.: MD
TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD
PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

N/A

23. WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)
WAS DST RUN? NO ☒ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☒ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (wft)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP "	AMOUNT PULLED
12.250	8.625 J-55	24	0	1,983		G 800	60	surface	
7 7/8	5 1/2 P110	17	0	3,000		895	285	1850	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.375	2,610							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Shinarum	2,610	2,657			2,610 2,657	.38	94	Open <input type="checkbox"/> Squeezed <input checked="" type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

WAS WELL HYDRAULICALLY FRACTURED? YES ☒ NO ☐ IF YES -- DATE FRACTURED: **6/11/2008**

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
2610 to 2657	500 gal 15% HCL, 35,000 lbs 20/40 brady, 10,000 lbs 20/40 SLC in 65Q slick water N2 foam

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☒ OTHER: **P&A Report**

30. WELL STATUS:

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31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG PRESS	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL -- BBL	GAS -- MCF	WATER -- BBL	PROD METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU -- GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL -- BBL	GAS -- MCF	WATER -- BBL	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Ventd, Etc.)

N/A

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cased intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Shinarum	2,610	2,657	water		

35. ADDITIONAL REMARKS (Include plugging procedure)

Well P&A on 11/4/2014

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Jeremy DivineTITLE ForemanSIGNATURE Jeremy DivineDATE 7/16/2015

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top -- Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
Fax: 801-359-3940

CrownQuest
DAILY OPERATIONS REPORT**Montezuma # 41-17-74**

Printed Nov 14, 2014 Page 1 of 1

Montezuma # 41-17-74

San Juan Co., UT

Property#: 870600-0001

Zone: 1 Field: Pennsylvanian

Oct 31, 2014 Friday

(Day 1)

JD A Plus Rig #14

Notified BLM & UDOGM on 10-29-14, Held safety meeting and pre trip inspections, road equipment 125 miles from yard to location, spot and RUPU and equipment, SITP-0, SICP-0, SIBHP-0, RU relief line & open well to pit, plumb in line from BH to surface, ND WH, NU & function tested BOP, lay down tbg hanger, CWIFN.

Daily Cost: \$10,461

Cum. Cost: \$10,461

Nov 3, 2014 Monday

(Day 2)

JD A Plus Rig #14

Travel to location, held safety meeting, Jeff Brown w/ BLM on location, SITP-0, SICP-0, SIBHP-0, function tested BOP, TOOH inspect 80 jts 2 3/8" 4.7# J-55 tbg, (2602.46' total)LD, SN & NC, PU plugging sub, TIH w/ tbg, tagged solid at 2630, RU pump to BH valve, load and press test to 300 psi w/ 1/8 BBL, held ok, RU pump to tbg, established circulation out csg valve, pumped 5 bbls at 2 BPM at 600 psi, received ok from Jeff Brown with BLM to pump plug #1 from 2630', mix and pump 162 sax 15.6# 1.18 yield= 191.16 cu/ft class B cmt from 2630' to est. 1166' TOC to isolate Moenkopi, Shinarump and 8 5/8" shoe. POOH, LD TBG to TOC, stand back remaining tbg and plugging sub, CWIFN.

Daily Cost: \$11,190

Cum. Cost: \$21,651

Nov 4, 2014 Tuesday

(Day 3)

JD A Plus Rig #14

Travel to location, held safety meeting, Jeff Brown w/ BLM on location, SICP-vac, SIBHP-0, open well to pit, function test BOP, TIH plugging sub and tbg, tag TOC at 1375', RU pump to tbg load well w/ 4 bbls, pump 10 bbls water ahead, mix & pump plug #2, 160 sax, 15.6#, 1.18 yield=188.8 cu/ft class B cmt from 1375' to surface, circulate good cement out csg valve, POOH w/ tbg and plugging sub, RD rig floor, dig out WH, write hot work permit & cut off WH, cmt @ surface in 8 5/8" csg and 94' in 5 1/2" csg, mix and pump 20 sax 15.6# class B cmt to top off 5 1/2" csg, set & welded dry hole plate marker below surface, RDMO PU and pump equipment to yard. Final Report

Daily Cost: \$14,963

Cum. Cost: \$36,614

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JUL 16 2015

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